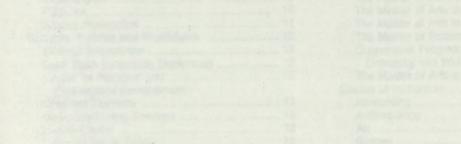


GRADUATE CATALOGUE 1992-94

## Salisbury State University

1992-94 Graduate Catalogue Salisbury, Maryland 21801-6837





## alisbury State University

## **Table of Contents**

University Caleridar	4
General Information	5
Campus Map 6,	7,8
The University	9
Mission Statement	9
History	9
Location	. 10
Organization	. 10
Facilities	. 10
Alumni Association	. 11
Services, Policies and Procedures	. 12
General Information	. 12
Book Rack (University Bookstore)	. 12
Center for Personal and Professional Development	. 12
Professional Development	
Disabled Students	. 13
University Dining Services	. 13
Health Center	. 13
Office of Public Safety	. 13
Accident and Health Insurance	. 13
Sexual Harassment Policy	. 13
Vehicle Rules and Regulations	. 14
Division of Graduate Study	. 15
Division of Graduate Study	. 15
Objective	. 15
Admission to Graduate Study	. 10
Admission to a Master's Degree Program	. 10
Non-degree Students and Non-degree Credit .	. 10
Continuous Registration	. 10
Admission of International Students	. 10
Graduate Credit During Senior Year	47
Transfer Credit	17
Faculty Advisory System	17
Catalogue Selection	15
Time Limitation	15
Course Load	15
Class Attendance	15
Grading SystemGraduate Credit	15
Academic Standards	15
Appeal Process	10
Academic Dishonesty	10
Procedure for Handling Cases	10
of Alleged Academic Dishonesty	
Financial Assistance	10
Tuition and Fees	1
Limbert all Fees	

Official Withdrawai and Relund Procedures	
Application for Diploma	20
Transcripts and Certification	20
of Completion of Degree Requirements	
Professional Certification	20
Graduate Degree Program	21
The Master of Business Administration	21
The Master of Education	22
The Master of Arts in English	23
The Master of Arts in Linguist	24
The Master of Arts III History	25
The Master of Science in Nursing	20
Cooperative Program-Salisbury State	20
University and Widener University	
The Master of Arts in Psychology	27
Course of Instruction	30
Accounting	30
Anthropology	30
Art	30
Biology	30
Business Administration	31
Chemistry	
Communication Arts	32
Computer Science	33
Education	33
English	37
English	30
French Bosional Blancing	10
Geography and Regional Planning	40
Health	41
History	41
Mathematical Sciences	42
Music	43
Nursing	45
Philosophy	46
Physical Education	46
Physical Sciences	46
Political Science	47
Psychology	47
Social Science	49
Social Work	49
Sociology	50
Canalah	50
Spanish	E4
Division of Graduate Study Administration	. 51
The Graduate Council	. 52
Graduate Faculty	. 53
Application for Admission to Graduate Study	. 59



## **University Calendar**

#### **FALL SEMESTER 1992**

September 9 November 25-27 December 17 December 18, 19, 21-23 December 20

#### WINTER SESSION 1993

January 4 February 3

#### **SPRING SEMESTER 1993**

February 8 April 5-9 May 21 May 24-28 May 29 Wednesday • Classes begin.
Wednesday-Friday • Thanksgiving vacation.
Thursday • Classes end.
Friday, Saturday, Monday-Wednesday • Final exams.
Sunday • Commencement.

Monday • Classes begin. Wednesday • Classes end.

Monday • Classes begin. Monday-Friday • Spring break. Friday • Classes end. Monday-Friday • Final exams. Saturday • Commencement.

### SUMMER SESSION 1993

Dates to be published in the Summer Session 1993 Bulletin.

#### **FALL SEMESTER 1993**

September 8 November 24-26 December 17 December 19 December 18, 20-23 Wednesday • Classes begin.
Wednesday-Friday • Thanksgiving vacation.
Friday • Classes end.
Sunday • Commencement.
Saturday, Monday-Thursday • Final exams.

#### **WINTER SESSION 1994**

Dates to be published in the Winter Session 1994 Bulletin.

#### **SPRING SEMESTER 1994**

February 7 March 28-April 1 May 20 May 23-27 May 28

Monday • Classes begin. Monday-Friday • Spring break. Friday • Classes end. Monday-Friday • Final exams. Saturday • Commencement.

#### **SUMMER SESSION 1994**

Dates to be published in the Summer Session 1994 Bulletin.

## **General Information**

### **Mailing Address**

Salisbury State University 1101 Camden Avenue Salisbury, Maryland 21801-6837 Specific correspondence should be addressed as follows: Admission to Graduate Programs ..... Graduate and Continuing Education Registrar Transcript of Record ..... Business Matters .... Director of Business and Financial Affairs Director of Public Relations General Matters ... Summer School ...... Dean of Graduate and Continuing Education

### Telephone Number

Area Code (410) 543-6000 FAX (410) 543-6068 TTY (410) 543-6083

#### **Notice to Students**

This catalogue is a guide for information and not a contract. The University reserves the right to change requirements for degrees, prerequisites, fees, scheduling and related matters. All changes are implemented such that any new curricular requirements will work no hardship on a student who has entered under an earlier set of requirements. Official listings of course offerings are provided in the *Schedule of Semester Course Offerings* which is published biannually by the Office of the Registrar for those periods designated for semester registration.

## Family Educational Rights and Privacy Act

Salisbury State University will assume the right, under the provisions of the Family Educational Rights and Privacy Act, to provide student directory information without prior consent of the student. Directory information is defined as a student's name, local address (if listed), date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height (of an athletic team member), dates of attendance, degrees and awards received, and most recent previous educational agency or institution attended, as well as a listing of officers of student organizations (including names and addresses).

In the event a student wants more or less than directory information released, please notify the Dean of Students Office, Guerrieri University Center.

### Salisbury State University Equal Opportunity Policy

Salisbury State University provides equal employment and educational opportunities without regard to race, color, religion, national origin, sex, age, marital status or handicap as required by Title VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973 and other equal opportunity regulations. The University makes all decisions regarding employment including recruitment, hiring, promotion and all other terms and conditions of employment without discrimination. Inquiries should be directed to the Affirmative Action Officer, Salisbury State University, Holloway Hall, 1101 Camden Avenue, Salisbury, MD 21801. Telephone: (410) 543-6025.

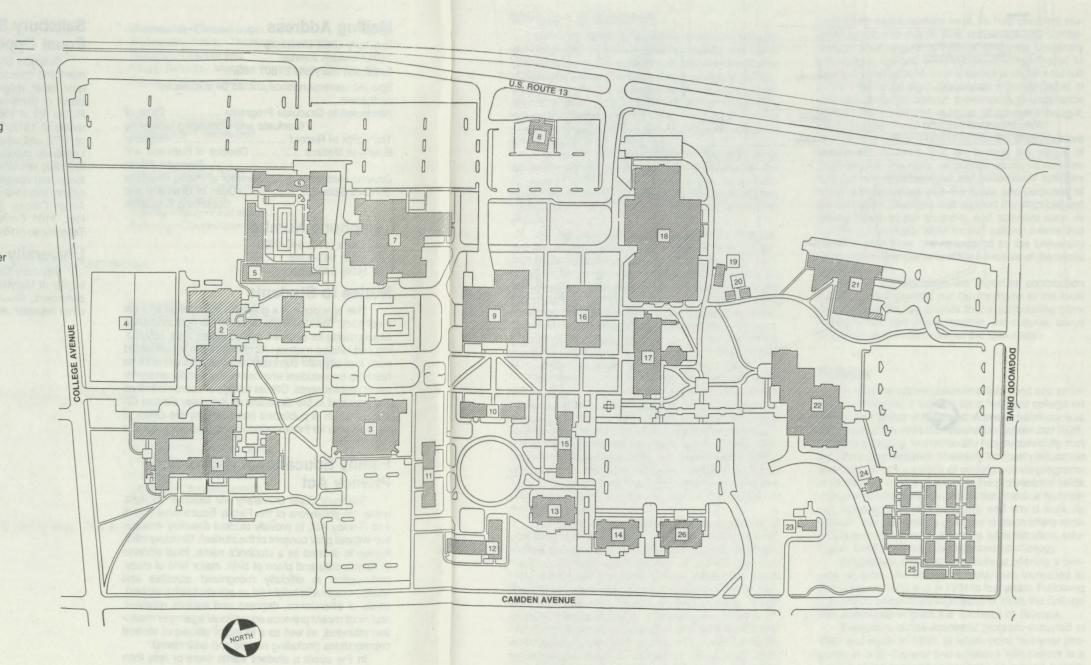
### University of Maryland System

Salisbury State University is a member of the University of Maryland System which is comprised of 11 campuses, about 70 centers and institutes, and three other research and public service institutes.

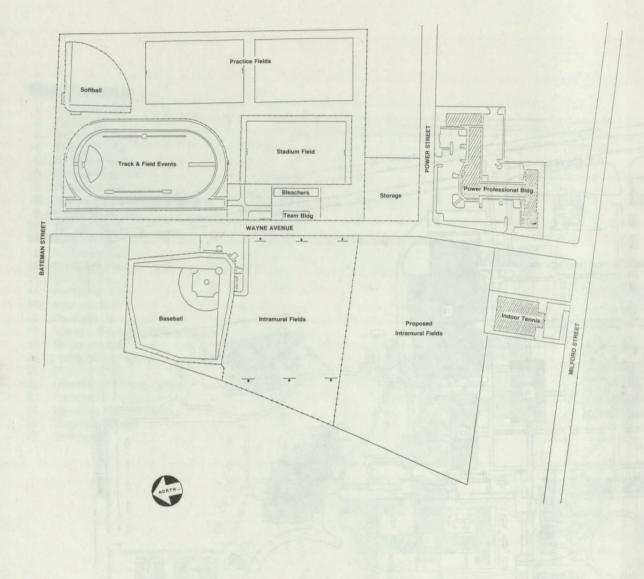
## Campus Map

## **Main Campus**

- 1. Holloway Hall
- 2. Fulton Hall
- 3. Blackwell Library
- Tennis Courts
- 5. St. Martin Hall
- Chesapeake Hall
- Caruthers Hall
- Administrative Services Building
- Powell Dining Hall
- 10. Wicomico Hall
- 11. Manokin Hall
- 12. Nanticoke Hall
- Choptank Hall
- 14. Chester Hall
- Pocomoke Hall Potomac Hall
- 17. Devilbiss Hall
- 18. Maggs Physical Activities Center
- 19. Maggs Annex
- Devilbiss Hall Annex
- 21. Physical Plant
- 22. Guerrieri University Center
- 23. President's Home
- 24. University Center Annex25. Dogwood Village
- Severn Hall



## **East Campus**



## The University

#### **Mission Statement**

Salisbury State University is a comprehensive institution of higher learning offering a traditional liberal arts curriculum and a variety of preprofessional and professional programs on both the graduate and undergraduate levels. The following Mission Statement, approved by the faculty and the administration in 1984, expresses the ideals which underlie the service of the University to its students and to the regional and state community of which it is a part.

The faculty and administration of Salisbury State University accept the responsibility of fostering in our students an ability to obtain, understand and accurately assess information and ideas, to think reasonably and independently and to speak and write intelligently and effectively.

In order to give focus and direction to the students' courses of study, the University is committed to introducing students to a system of ideas about the nature of humanity, the universe and the world created by art and thought. To this end, the University offers as the cornerstone of learning an integrated curriculum which examines the salient ideas in the humanities, social sciences, natural sciences and mathematics. This curriculum serves students both as the foundation for specialized study and as the source for a set of convictions which can guide the conduct of their lives.

Furthermore, the University assumes that what we teach and how we teach ought to foster in our students a disposition for responsible conduct. As such, we are committed to encouraging attitudes of integrity and fairness, respect for others, dedication to the pursuit of truth and the willingness to uphold and to challenge one's own convictions. It is expected that these attitudes will instill in our students a desire to do things well, to sustain rather than disparage high principles and to participate as informed, committed citizens in the public forum.

The University also assumes the responsibility of preparing students to work confidently and effectively in their chosen careers; to this end we provide practicable counseling and a number of professional and technical degree programs. Career preparation is not the exclusive province of such programs; however, certain attributes—the power to think clearly, judge soundly and communicate effectively, the ability to interact with people in a productive and considerate way and the capacity to adapt and learn in new and unfamiliar situations—must be learned in all courses. And, most important, we attempt to instill in our graduates a spirit of dedication to their vocations and a sense of service to society.

The University is also committed to graduate study

beyond the baccalaureate level. To help graduate students enrich and extend their knowledge and competence in their respective fields of study, the University encourages them to embrace an ethos dedicated to the continuing acquisition of knowledge and the pursuit of the intellectual ideal. We expect those engaged in graduate study to commit themselves to excellence through the consistent exercise of coherent thought, sound judgment and effective communication.

The University recognizes that the students have needs and interests that go beyond the scope of academic life; therefore, we provide additional services and sponsor extracurricular and cocurricular activities which are consistent with the goals and purposes of the institution. Services that support the physical and mental health of the students, and activities such as student government, athletics and cultural events that enhance their lives, are sponsored by the University as necessary components of the education of the whole person.

Finally, we recognize the important contribution that the University and our faculty make to the local region; therefore, we provide to the surrounding community, when and where feasible, the cultural, social and professional resources of the University.

### History

In 1922 the state legislature established a commission to determine a location for a two-year college on the Eastern Shore of Maryland. A site at Salisbury was selected and the institution opened in September 1925. Since its founding, the University has successfully met the increasing demands of society for quality education and today offers a variety of undergraduate programs in liberal arts, in sciences, and in the professional fields of business administration, education, medical technology, nursing, respiratory therapy and social work. In addition, the University's graduate division offers master's degree programs in business administration, education, English, history, nursing and psychology.

Originally authorized as a college offering a twoyear program, the course of study was increased to three years in 1931 and in 1934 to four years. Following this, and by action of the legislature of 1935, the College was authorized to grant the Bachelor of Science.

Expansion of the academic program occurred in 1947 and again in 1960, at which point four-year programs in both the arts and sciences with majors in a number of academic fields had been developed, providing students with a choice of either a Bachelor of Arts or a Bachelor of Science. In 1962 the State Board of Trustees approved a graduate program leading to the

Master of Education. This was followed in 1971 with approval for a Master of Arts in history, in 1974 a Master of Arts in English, in 1975 a Master of Arts in psychology, in 1981 a Master of Business Administration and in 1982 a Master of Science with a major in nursing.

In 1988 the state legislature approved the name change from College to University. Today Salisbury State University stands as a nationally accredited four-year multipurpose liberal arts university offering 38 distinct undergraduate and graduate degree programs in a friendly atmosphere that encourages close relationships between faculty and students.

#### Location

Salisbury State University is located on U.S. Route 13 at the southern edge of Salisbury, which has a metropolitan population of 56,000 and lies 32 miles west of Ocean City, MD, 115 miles southeast of Baltimore and Washington, 125 miles south of Philadelphia and 125 miles north of Norfolk, VA.

## Organization

Responsibility for the administration of the University is assigned to the president who is appointed by the Board of Regents of the University of Maryland System.

The president is assisted in the administration of the University by the vice president of academic affairs and the vice president of administration. Appointments to these positions, to other administrative offices and to the faculty and staff of the University are made by the president.

The academic courses and programs of the University are offered in the Franklin P. Perdue School of Business, the School of Education and Professional Studies, the Charles R. and Martha N. Fulton School of Liberal Arts, the School of Nursing and Health Sciences and the Richard A. Henson School of Science and Technology. Deans, department heads and individual faculty members are responsible to the vice president of academic affairs in all matters pertaining to instruction. Graduate programs are offered through the Division of Graduate Study.

The Franklin P. Perdue School of Business includes the faculties of accounting, business administration and economics.

The School of Education and Professional Studies includes the faculties of education, leisure studies, military science, physical education and social work.

The Charles R. and Martha N. Fulton School of Liberal Arts includes the faculties of art, communication arts, English, history, liberal studies, modern languages (French, German, Spanish), music, philosophy, political science, psychology, sociology and anthropology.

The School of Nursing and Health Sciences includes the faculties of medical technology, nursing and respiratory therapy.

The Richard A. Henson School of Science and Technology includes the faculties of biology, chemistry, computer science, environmental health, geography and regional planning, mathematical sciences and physics.

#### **Facilities**

The Administrative Services Building, situated at the Route 13 entrance, houses the Administrative Services, Telecommunications, Work Experience and Public Safety offices.

Blackwell Library, located near the center of the campus, houses 300,000 items in open stacks, including books, bound periodicals, government documents and a curriculum laboratory. The library subscribes to 1,600 periodicals and has extensive non-book resources including cassettes, filmstrips, microforms and phono recordings.

Caruthers Hall, situated near Route 13 to the right of the main entrance to the University, houses the Learning Center; department offices for leisure studies, social work and teacher education; classrooms; faculty offices; a 225-seat auditorium; and the Communications Center, which includes the public radio station WSCL.

The Computer Center is located on the first and second floors of Fulton Hall. The administrative computer system is a Digital Equipment Corporation VAX Cluster. The academic computer system with on-line terminals and printers is available to students in both the Computer Center and Devilbiss Hall. IBM PCs are also available in Devilbiss Hall, and there are three labs in Blackwell Library containing Apple IIe, IBM PC and PC-compatible microcomputers. Available in the Computer Center is a Cal Comp 1041 plotter. Two small additional rooms containing microcomputers and terminals are reserved for faculty use. A Scantron Optical Mark Reader used to process examinations, evaluations and surveys is also available.

Devilbiss Science Hall is located at the south end of the campus mall. In addition to 22 classrooms and 27 offices, it contains laboratories for biological sciences, chemistry, geography, physical science and physics. Special features in this building are a theatrelecture hall seating 224 and a greenhouse.

Fulton Hall, the newest academic facility on campus, contains a black box theatre; a photography studio and darkrooms; ceramics, drawing, graphic design, painting and sculpture studios; the faculty offices for the Art, Communication Arts and Music departments; an electronic piano room; practice and listening rooms for music students and orchestra; and choral rehearsal rooms. Also located in Fulton Hall are the departments of Sociology and Political Science, the Computer Center, the dean's office for the Charles R. and Martha N. Fulton School of Liberal Arts, general purpose classrooms, a lecture hall and an art exhibition gallery. The University Art Gallery, located on the first floor, sponsors a diverse program of seven-to-eight art exhibitions each academic year.

Guerrieri University Center, located on Dogwood Drive, includes a lounge, snack bar, bookstore, meeting rooms, campus post office, commuter and resident mailboxes, games room, service desk, Dean of Students Office, the Center for Personal and Professional Development, an art gallery, student radio station WSUR and offices of student organizations and of minority affairs.

The Health Center, located in the south end of Holloway Hall, includes a waiting room, four treatment rooms, a combined utility room/laboratory and two offices.

Holloway Hall, the administrative office building of the University, contains most administrative and faculty offices, some classrooms and the Franklin P. Perdue School of Business. Also in Holloway are a modern 776-seat auditorium and the Social Room.

The Honors House, situated adjacent to the campus, has offices, classrooms and social gathering areas for students enrolled in the Honors Program.

The Learning Center, located on the second floor of Caruthers Hall, provides a range of services for students in need of academic assistance. The center provides diagnostic testing, individual and small-group tutoring, self-paced learning programs and formal courses in basic skill areas of reading, writing, mathematics and study techniques. The center is open daily for walk-in or referral visits.

Maggs Physical Activities Center includes a large arena, swimming pool, wrestling room, dance studio, Nautilus room, weight room, classrooms, offices, large multipurpose gymnasium, indoor tennis center with three courts, three racquetball courts, varsity and intramural locker rooms, training room, equipment room and reception area.

The Maintenance Building houses the Central Stores and the motor pool.

Outdoor Athletic Facilities include a multi-use stadium; varsity fields for baseball, field hockey, soccer and softball; practice fields; an all-weather 400-meter track; and 12 hard-surface tennis courts featuring plexipave surfaces with six lighted for night play. The baseball diamond features an Astroturf infield, the only one in the state.

Potomac Hall houses classrooms and faculty offices. The Modern Languages Laboratory is also located in this building.

**Powell Dining Hall,** located near the center of the campus, serves approximately 3,500 meals per day in its two diverse settings.

Power Professional Building, located by the athletic fields on the east campus, houses laboratories for medical technology, nursing and respiratory therapy; offices for computer science, mathematics and military science; and the Research Center for Delmarva History and Culture.

The President's Home is situated on a wooded knoll on the southern edge of the campus.

The Research Center for Delmarva History and Culture was formed by the merger of the Delmarva Historical Archives Center and the Folklore Archives

at Salisbury State University. The center is dedicated to the preservation of the uniqueness of the history and culture of the Delmarva Peninsula. It is available to students at Salisbury State University, other scholars and researchers, and to the community at large. Collections include private papers, letters, diaries, business and land records, oral histories and folklife studies from and about the Delmarva Peninsula. The center is presently located in the Power Professional Building and is open during the academic year and by appointment.

### **Alumni Association**

The Alumni Association maintains ties with some 13,000 alumni in all 50 states and several foreign countries. Many of these alumni are vigorous supporters of the University through the association.

The Alumni Association's objectives are: to develop and foster an abiding loyalty for Salisbury State University, to promote a professional and ethical spirit which will characterize SSU's alumni members, to encourage participation in all activities that pertain to the betterment and growth of the University, and to unite Salisbury State graduates and undergraduates.

The University Office of Alumni Relations serves as a liaison between the association, the University and alumni.

# Services, Policies and Procedures

#### **General Information**

Student services, programs, policies and procedures exist at Salisbury State University to complement the academic mission of the institution. Student services, programs, policies and professional staff focus on enhancing the teaching/learning environment for students and faculty and on facilitating the personal development of learners. These goals are accomplished in part by services, programs and staff in the offices of the Dean of Students, Center for Personal and Professional Development, Health Center, Guerrieri University Center, Public Safety, Housing and Residence Life, Campus Recreation, University Dining Services, Athletics and Student Activities and Organizations.

Information on these University offices follows below.

#### Services

#### **Book Rack**

The Book Rack, the University bookstore, is located in the Guerrieri University Center. Its primary purpose is textbook sales. The store also provides an endless list of other items including computers and software, general books, magazines and newspapers, school and art supplies, CDs and cassettes, posters, greeting cards, film, health and beauty aids, snacks, gifts and the latest in University sportswear.

Hours for the Book Rack are 8:30 a.m.-6 p.m., Monday-Thursday, and 8:30 a.m.-4 p.m. on Fridays during the academic semesters. Hours vary and are posted in the Guerrieri Center when classes are not in session.

Goods, other than textbooks, may be returned for full credit within two weeks of the date of purchase upon presentation of a valid sales receipt. Goods must be in new and saleable condition. The policy concerning textbook returns, in the event that students purchased the wrong book or changed classes, is posted in the bookstore. In general, students have approximately one week after the first day of classes in which to return or exchange books. All returns or exchanges must be accompanied by a valid sales receipt.

In addition to other services, the Book Rack has a 24-hour film processing service, balloons and report binding and a book buy-back service (conducted at the beginning and ending of each major semester).

#### Center for Personal and Professional Development

Recognizing that, at some point, most students have concerns of a personal, interpersonal, academic or vocational nature, the Center for Personal and Professional Development provides students with personal counseling, career planning and job placement services.

Counselors at the center can assist students in resolving issues which may be interfering with personal growth or academic progress. When appropriate, students may be referred to other departments or agencies. The counselors also conduct outreach programs throughout the year designed to promote personal effectiveness and growth. Typical issues include stress management, minority leadership development, test anxiety, depression, eating disorders and relationships.

The Center for Personal and Professional Development also helps students and alumni to define and pursue career goals. Available career planning and job placement services include:

#### Career Planning Services

Career Counseling:
Selection of a University Major
Development of a Career Path
Changing Career Directions
SIGI PLUS, Computer Assisted
Career Exploration System

Occupational Interest Testing
Personal Career Planning Course
GENL 110 - (two credits)

Career Planning Workshops: Resume Writing Interview Skills Graduate Schools Selecting a University Major

#### Job Placement Services

Job Placement Counseling Resume Preparation Interview Skills Job Search Procedures Employer Identification

Job Alerts On-Campus Recruiting

Credential Service
Career Library:
Salary Data
Graduate School Catalogs
Company/Organization Information

Located on the second floor of the Guerrieri University Center, the Center for Personal and Professional Development is open from 8 a.m.-5 p.m., Monday-Friday. Appointments can be made in person or by telephone. Students may also take advantage of the center's walk-in hours, 1-3 p.m., Monday-Thursday. All counseling is confidential and free of charge.

#### **Disabled Students**

Students capable of academic success, regardless of their disabilities, are admitted to Salisbury State University. Faculty and staff work cooperatively to assist disabled students in educational endeavors and adjustments to the campus community.

Salisbury State University is recognized as a barrier-free campus. Residence hall space for disabled students is available in four of 10 halls.

Prospective students are encouraged to visit the University to become familiar with the campus and meet support staff prior to making their final acceptance decision. The Dean of Students Office welcomes inquiries from students with special needs.

#### **University Dining Services**

The Powell Dining Hall is centrally located on the campus and offers dining selections that are diverse, creative and of a high nutritional value. Through the use of specialty dining events, University Dining Services hopes to impart to the campus community an awareness of the pleasure of dining.

The Gull's Nest, located in the Guerrieri University Center, offers a variety of deli services including sandwiches, burgers, pizza, salads, etc. The Gull's Nest operates regularly Monday-Friday and is available for special events as coordinated through student organizations.

Throughout the year many groups and campus organizations avail themselves of the catering services which are available.

#### Health Center

Recognizing that good health is essential to effective learning, the University maintains a health service available to all full-time students. Part-time and special students are eligible for Health Center services for a fee, payable at the time services are rendered. The Health Center, located in Holloway Hall across from the library, provides confidential treatment of illness and injuries through a well-equipped facility and certified professional staff, including a physician and six nurses with specialized training in university student health. Other services are available five minutes from campus at Peninsula Regional Medical Center which includes a modern 380-bed facility and an emergency room open 24 hours a day, seven days a week.

Inpatient care, i.e. 24-hour infirmary service, is not provided by the Health Center; however, nursing staff phone numbers are available at the switchboard in case of an emergency after hours. A nurse is "on call" on weekends (from Friday at 4:30 p.m. until Monday morning at 8 a.m.) via a pager system.

If a student contracts a contagious disease or acute illness, the family is notified and required to arrange for the student's care until recovery.

Prior to treatment in the Health Center, each stu-

dent is required to complete a health history form. An up-to-date immunization record is required of all students regardless of age. Failure to provide this information may result in the student being unable to register for classes.

The University Health Center assumes no financial responsibility for student care other than that provided by the Health Center. Students are urged to carry their own accident and health insurance since the University is not legally responsible for accidental injuries and resulting medical expenses. Students are encouraged to continue with their parents' coverage or to seek advice from an independent broker.

Health Center hours are posted each semester at the center.

#### Office of Public Safety

The Office of Public Safety, located in the Administrative Services Building, can be contacted 24 hours a day. There are two sections of this office—Campus Police and Environmental Safety. Campus Police services include investigation of crimes and incidents on campus, response to emergencies, vehicle registration and parking enforcement, lost and found and physical security of buildings. The Environmental Safety division ensures that the environment is free from hazards that may cause injuries to members of the University community. This is accomplished through periodic inspections of University buildings and grounds and through campuswide involvement and information about fire and safety matters.

#### Accident and Health Insurance

The University assumes no financial responsibility for student care other than that provided by the Health Center. Students are encouraged to continue their parents' coverage, or to seek advice from independent insurance brokers.

#### **Policies and Procedures**

#### Sexual Harassment Policy

Commensurate with its mission as an academic institution of high quality, Salisbury State University encourages an atmosphere of physical, psychological and social well-being which offers all members of the University community an environment that provides opportunity to work, learn and develop with the human dignity that caring people bestow on one another. There is no place in such an environment for intimidation or harassment of any kind; and more specifically, the University considers sexual harassment of both employees and students to be unacceptable behavior.

Salisbury State University has defined sexual harassment as unwelcome sexual attention, requests for sexual favors and other verbal or physical conduct of a nature which constitutes harassment when:

- submission to the conduct is either explicitly or implicitly a term or condition of an individual's employment or academic evaluation;
- submission to or rejection of such conduct by an individual is used as the basis for employment or academic decisions affecting that individual; and/or

 such conduct has the purpose or effect of unreasonably interfering with an individual's work/ academic performance or creating an intimidating, hostile or offensive working and/or learning environment.

#### **Vehicle Rules and Regulations**

The University extends to students the privilege of driving and parking motor vehicles on the University campus. In return for this privilege, each student assumes the obligation of abiding by the rules and regulations of the University governing the use of motor vehicles on campus.

Each student who wishes to drive or park a motor vehicle on the campus must make application to do so at the time of academic registration. Application must also be made at any time following registration when a motor vehicle is brought onto the campus. A driver's

license and state automobile registration card are required to register a vehicle. Freshmen who reside in residence halls are not permitted to register a vehicle on campus.

Specific traffic rules and regulations are distributed to all students upon registration of a vehicle. It is the student's responsibility to thoroughly read and understand these regulations and to abide by them. Violations of the regulations will result in a fine and/or revocation of driving and parking privileges and/or possible impoundment of the vehicle at the student's expense. The University assumes no responsibility for the car and/or protection of any student's vehicle or its contents.

Vehicle registration is held in the Office of Public Safety, located in the Administrative Services Building, (410) 543-6222, Monday-Friday, 8 a.m.-5 p.m. Special hours for evening students are held the first full week of school from 6-7:30 p.m., Monday-Thursday.

## Division of Graduate Study

Salisbury State University is approved for graduate instruction by the Middle States Association of Colleges and Schools and the Maryland Higher Education Commission. The University offers graduate programs leading to the Master of Business Administration, the Master of Education, the Master of Arts in English, in history and in psychology and the Master of Science with a major in nursing. Graduate study is also available for teachers seeking to meet requirements for basic and advanced certification and for post-baccalaureate students seeking graduate credit in both academic and professional areas.

During the fall and spring semesters, the majority of graduate students enroll for courses conducted in the evening program of the University. Designed essentially for part-time students, this program consists mainly of courses meeting once weekly throughout the semester in either late afternoon or evening sessions of approximately three hours each. A limited number of courses, open both to graduate students and advanced undergraduates, is also available in the regular daytime program. In addition, graduate study is available during the University's summer session and the winter term. Dormitory accommodations are available to graduate students only in the summer session and

Requirements for admission to graduate study include a completed *Application to Graduate Study* form, the application fee, two completed recommendation forms, appropriate Graduate Record Examination (GRE) test scores and official transcripts from all undergraduate institutions.

The *Graduate Catalogue* is available upon request to the Office of Graduate and Continuing Education.

## Graduate Studies Mission Statement

The faculty and administration of Salisbury State University accept the responsibility of enhancing in graduate students the ability to obtain, understand and accurately assess information and ideas, to think reasonably and independently, and to speak and write intelligently and effectively.

Graduate education at Salisbury State University encourages students to expand knowledge and facility in their respective fields of study and to embrace an ethos dedicated to the continued acquisition of knowledge and the pursuit of the intellectual ideal.

The graduate faculty of the University demonstrate the capabilities, experience, professional involvement,

instructional performance, scholarly productivity and service essential for high quality. It is recognized that continual research activities and professional service are major contributors to the maintenance of graduate-level teaching competence.

The faculty believe that the substance and method of instruction and research must foster in students a disposition for responsible conduct characterized by integrity, fairness, respect for others, dedication to the pursuit of truth and a willingness to re-examine one's own convictions. One of the University's primary objectives is to foster in students a desire for excellence, a reverence for high principles and the ability to participate as informed, committed citizens in the public forum.

The University prepares graduate students to work confidently and effectively in their chosen careers. It provides counsel, guidance and instruction appropriate to the requirements of graduate programs. Coherent thought, sound judgment and effective communication will be demonstrated by students in all areas of study.

Because students at whatever level of study have interests and needs beyond the scope of academic life, the faculty and administration provide and sponsor those services and extracurricular activities which are consistent with the goals and purposes of the institution in general and the graduate program in particular. Furthermore, the University is committed to the integration of graduate students into the social and cultural fabric of campus and community life.

## **Objectives**

The Division of Graduate Study at Salisbury State University provides college or university graduates with opportunities for professional advancement and personal enrichment through graduate study. The graduate curriculum is designed to assist such students in attaining greater mastery of their fields of specialization, to improve skills in pursuing independent study and to increase professional knowledge and ability through the study of new findings in areas of special interest.

The University also recognizes an obligation to college or university graduates residing in the general community of the Eastern Shore and strives to offer constructive coursework at the graduate level designed to meet their specific needs throughout the year.

### **Admission to Graduate Study**

To be eligible for admission to graduate study the applicant must have completed requirements for the bachelor's degree at a regionally accredited institution of higher learning or at an institution accredited by the Maryland Higher Education Commission and must have submitted all required application materials. Students seeking admission to graduate study may obtain application materials from the Office of Graduate and Continuing Education. A completed application will consist of the Application for Admission to Graduate Study form, the application fee, two completed recommendation forms, an appropriate test score (see next paragraph), and official transcripts from the baccalaureate granting institution and all institutions enrolled in for graduate study. All application materials must be submitted to the Office of Graduate and Continuing Education at least 30 days prior to the beginning of the academic term in which the student intends to enroll.

Applicants seeking admission to a specific master's degree program must submit the appropriate exam score for that program. A \$25 non-refundable application fee must accompany the application. The applicant must request the registrar of the undergraduate institution to forward an official copy of the undergraduate transcript, showing completion of baccalaureate requirements, and must request the registrar of all graduate institutions to forward official copies of graduate study directly to the Office of Graduate and Continuing Education.

Upon admission to graduate study, applicants may receive full or provisional admission status. Students who lack the required undergraduate grade point average may be provisionally admitted. Admission to graduate study does not constitute admission to a specific master's degree program. To be admitted to a master's degree program a student must: (1) receive full admission status to graduate study and (2) meet the requirements for admission to a specific master's degree program. Upon admission to a master's degree program, the applicant will be a degree-seeking student. Non-degree students are students who have: (1) full admission status but have not been admitted to a master's degree program or (2) provisional admission status. Admission to the University is granted without regard to race, color, sex, religion or national origin.

To be eligible for full admission status to graduate study the applicant must have completed the requirements for the bachelor's degree at a regionally accredited institution of higher learning or at an institution of higher learning accredited by the Maryland Higher Education Commission with a minimum overall grade point average of 2.75 on a 4.0 scale, and have all application materials on file. Upon receipt of all application materials, the complete application will be reviewed and the applicant will be formally notified of full admission status.

#### **Provisional Admission Status**

**Full Admission Status** 

A student who has submitted all application materials but has not obtained a 2.75 cumulative grade point average upon completion of the baccalaureate may be provisionally admitted for graduate study. Any provisionally admitted student will be required to attain full graduate admission status by completing nine semester hours of credit with a 3.0 cumulative grade point

average and with no grades below a C within two academic years from the date of provisional admission. A provisionally admitted graduate student may make application to a master's degree program, but may not be admitted to the program until the student has received full admission status. A student who does not attain a 3.0 or higher cumulative grade point average following completion of nine or more semester hours of credit will be academically dismissed.

## Admission to a Master's Degree Program

Those students indicating on their application forms an intent to pursue graduate study leading to a master's degree must meet the requirements for admission to the selected degree program. Students seeking information about a specific master's degree program should consult the "Graduate Degree Programs" section of this catalogue or address inquiries to the appropriate program director. Upon the student meeting such requirements, the program director will formally notify the student of admission to the degree program selected and will assign a faculty advisor who will assist in formulating a plan of study most appropriate for the student's needs. During the student's first semester of registration, the student will submit the *Plan of Study* form for approval by the faculty advisor and the program director.

## Non-degree Students and Non-degree Credit

Students who have been admitted to the University for graduate study but who have not been admitted to a master's degree program are considered as non-degree students. Those students may enroll in graduate courses with the approval of their assigned general graduate faculty advisor and approval of the appropriate program director.

Once accepted for graduate study, a graduate non-degree (GND) student may continue to enroll for graduate credit as long as all other academic regulations are satisfied. A maximum of nine semester hours of credit earned at Salisbury State University prior to formal admission to a master's degree program may be applicable toward requirements for the degree, provided such credits are appropriate for the degree program desired and conform with the regulations of the Office of Graduate and Continuing Education.

## **Continuous Registration**

Students who are admitted to graduate study must register for at least one course every calendar year. If a student does not register for a course each calendar year, the student will be automatically withdrawn from graduate study and must apply for readmission. Readmission will require payment of the application fee of \$25, but will not require submission of any other documents if the readmission is sought within seven years from the time of initial admission.

## Admission of International Students

International students who demonstrate graduate

ability and proficiency in the English language may be offered admission. International students should submit all documents required for admission by May 1 for the fall semester and September 1 for the spring semester.

Documents that are required for admission are:

- 1. An Application for Graduate Study form.
- Official or certified true copies of all grade reports, diplomas and academic records.
- 3. An International Student Directory and Visa Information form.
- 4. A Declaration of Finances form.

All documents must be sent directly to the Office of Graduate and Continuing Education by the institution at which such work was completed. Documents not written in English must be accompanied by English translations.

International graduate student applicants are also required to have their credentials reviewed by professional, external evaluators identified by Salisbury State University. The appropriate forms for such review will be sent to applicants early in the admissions process.

In addition, applicants whose native language is other than English must take the Test of English as a Foreign Language (TOEFL) and have the results forwarded to the Office of Graduate and Continuing Education. Information on the test dates and test centers for the TOEFL may be obtained by writing to: Test of English as a Foreign Language, Box 899, Princeton, NJ 08540. A minimum of 550 on the TOEFL is required for admission.

## **Graduate Credit During Senior Year**

Salisbury State University undergraduates who are within six semester hours of completing requirements for the baccalaureate and who have submitted the *Application for Admission to Graduate Study*, the application fee and two completed recommendation forms may register for up to six hours of graduate credit at the 400 level (or 500 and 600 levels in business administration) to be taken concurrently with the remaining courses in the baccalaureate program, upon the approval of the dean of graduate and continuing education. Graduate credit will be awarded only upon completion of baccalaureate requirements by the end of the semester in which the final course requirements were begun.

#### **Transfer Credit**

On the recommendation of the faculty advisor, and with the approval of the master's degree program director and the dean of graduate and continuing education, a student may transfer up to nine semester hours of graduate credit from other regionally accredited institutions, subject to the following conditions. Credits proposed for transfer must be: (1) directly related to the program in which the student desires to study and approved by the program director and the dean of graduate and continuing education; (2) acceptable for graduate degree credit by the home institution; and (3) supported by an official transcript showing graduate credit earned with a grade of B or better.

Students planning to earn graduate credit at other institutions for possible transfer toward master's degree requirements at Salisbury State University will, in all

cases, contact the Office of Graduate and Continuing Education and request the *Permission to Study at Another Institution* form. Students should give full particulars on the courses to be taken including a copy of the course description and the number of hours involved in course instruction, so that a decision can be made in advance regarding the acceptability of such credit for transfer. In each case, the student should make certain that classification as a "graduate student" has been obtained at the institution from which the transfer of credit is expected. Credits earned by correspondence are not eligible for transfer. No credit will be awarded for any course taken before official approval to enroll in the course has been granted.

Transfer credit taken more than seven years prior to the date of graduation may not be counted toward a graduate degree (see "Time Limitation"). Transfer credit that has been applied to one graduate degree may not be applied to a second graduate degree.

The cumulative grade point average of each student will be calculated *only* on work taken at Salisbury State University.

## **Faculty Advisory System**

On admission to a master's degree program, the student is assigned to a faculty advisor in the appropriate field of study. The advisor's role is to help a student develop a valid plan of study and to recommend to the respective program director and to the dean of graduate and continuing education those candidates who have met program requirements for the master's degree.

Full admission, non-degree students and provisionally admitted students will be assigned a general graduate faculty advisor to assist in course selection and registration.

The student is ultimately responsible for formulating a plan of study which satisfies University and master's program requirements while meeting personal and professional goals. In order to develop and schedule such a plan of study effectively, the student should meet with the faculty advisor: (1) upon admission to graduate study, (2) upon admission to a degree program, (3) periodically throughout the program and (4) at the start of the semester prior to the awarding of the degree. Where the student and the faculty advisor agree to deviations from the program of study, such changes must be approved in writing by the advisor, the program director, and the dean of graduate and continuing education, and entered as approved on the student's record.

## Catalogue Selection

A student admitted to a master's degree program is generally allowed to satisfy graduation requirements as stated in any single *Graduate Catalogue* of the University which satisfies all of the following conditions:

 The catalogue does not predate by more than seven years the catalogue in effect at the time of the student's graduation.

The catalogue selected was published no earlier than the time of the student's admission to a master's degree program at the University.

- The catalogue selected meets all requirements imposed by external agencies.
- 4. The catalogue does not require the University to retain and/or provide disestablished policies, curricula or special facilities, or to continue to provide resources unnecessary for the completion of the existing academic program.

#### **Time Limitation**

All work toward the master's degree (including transfer credits and thesis, if applicable) must be completed within seven calendar years from the end of the academic term in which such work began. Transfer credit taken more than seven years prior to the date of graduation may not be counted toward a graduate degree.

#### Course Load

The unit of credit is based on the semester system. The minimal course load for a graduate student attending full time is nine credit hours per semester. Requests for course loads in excess of 12 per semester must be approved by the program director and by the dean of graduate and continuing education. Six hours credit is considered a full course load for the summer or winter session. Requests for course loads in excess of nine per summer session or six per winter session must be approved by the program director and by the dean of graduate and continuing education.

### Class Attendance

Students are expected to attend all class meetings of courses for which they are registered unless informed otherwise by the instructor concerned. Frequent unexcused absences, together with unsatisfactory work due to absence, may result in exclusion from the course.

## Course Numbering System: Graduate Credit

Courses at the 500 and 600 levels offer graduate credit exclusively and are not available to undergraduates. Courses at the 400 level appearing in this catalogue may be taken for graduate credit or for undergraduate credit. Graduate students enrolled in such courses are expected to do graduate-level work and to meet requirements more rigorous than those established for undergraduates. It is the responsibility of the individual instructor to define precisely the quality and quantity of work that is expected from members of classes, both graduates and undergraduates.

## **Grading System**

A four-point grading system is used to identify the quality of academic work. The grade of A carries four grade points per credit hour, B carries three points, C carries two points and F carries zero points. A cumulative grade point average of 3.0 on all work taken in pursuit of degree requirements is required for graduation. The following grades and symbols are used to

evaluate the student's work in courses taken for graduate credit:

A	Excellent
В	Good
C	Below Standard
D	Poor, with no credit for degree
	allowed
F	Failure
AU	Audit. Approved attendance without
	credit.
1	Incomplete
IP	In Progress. Used for grading on-going
	thesis projects and independent
	studies; will be converted to lette
	grade upon completion.
NR	Grade Not Reported by Instructor
W	Withdrawal
WP/WF	Withdrawal Passing/Withdrawal
	Failing

The symbol "I" denotes non-completion of course material for reasons beyond the student's control and is assigned only if the course deficiencies result from unavoidable circumstances. This symbol generally becomes a grade of F if the work is not made up prior to midsemester of the next full semester for which the student is enrolled, or at the end of one calendar year, whichever is earlier.

The symbol "W" denotes that the student officially withdrew from a course or from the University during the schedule adjustment period of the fall or the spring semester or during the schedule adjustment period of the summer or the winter session. (For specific dates, students should refer to the University's "Academic Calendar.") For students who withdraw from the University after these deadlines, the symbols "WP" or "WF" are assigned to denote the students' status at the time of withdrawal. However, for students who withdraw from only a part of their course loads after these deadlines but who remain registered for at least some part of their original course loads, a grade of F will be recorded for each course dropped.

#### **Academic Standards**

To remain in good academic standing, a student admitted to graduate study must maintain a cumulative grade point average of at least 3.0 on all graduate courses. If the cumulative average fails below 3.0 the student will be placed on probation. Dismissal from graduate study and a master's degree program is automatic if the grade point average is not restored to 3.0 by the time of completion of the next nine hours of credit following the semester in which the student drops below 3.0.

In exceptional circumstances, a student dismissed for academic deficiency may be considered for **readmission** to the program from which dismissal occurred or to another master's degree program. In no case will such readmission to graduate study be granted prior to one calendar year following the term of dismissal. Such a student must submit the appropriate application form to the Office of Graduate and Continuing Education not later than 90 days prior to the term for which admission is desired. In each case, the application must be accompanied by a letter showing reasons for lack of previous academic success and indicating reasons

why acceptable academic performance might be expected in the future. Decisions on such applications will be made by the dean of graduate and continuing education after consultation with the program director offering the degree program to which admission is requested.

## **Appeal Process**

A student may appeal decisions made under the academic policies and regulations set forth in this catalogue. Prior to initiating the appeal process the student and the faculty advisor should confer. The appeal process shall be initiated upon written request by the student. An appeal regarding the program will be heard first by the program director. A classroom-related appeal will be heard first by the instructor. The appeal process then proceeds from department chair to school dean or the dean of graduate and continuing education to the vice president of academic affairs, then finally to the president.

### **Academic Dishonesty**

The University expects all students to conduct themselves in accordance with the highest standards of personal integrity and academic honesty.

It is each faculty member's responsibility to maintain the standards of academic honesty in all matters related to the faculty member's coursework. The term "academic dishonesty" means a deliberate and deceptive misrepresentation of one's own work. Misrepresentations include but are not limited to:

- Plagiarism: presenting as one's own work, whether literally or in paraphrase, the work of another.
- Cheating on exams, tests and quizzes: the wrongful giving or accepting of unauthorized exam material and the use of illegitimate sources of information.
- Illicit collaboration with other individuals in the completion of course assignments.
- 4. Use of fraudulent methods in laboratory, studio, field work or computer work.
- Other willful and deliberate acts generally recognized as being dishonorable and dishonest.

## Procedure for Handling Cases of Alleged Academic Dishonesty

STEP 1: Faculty Action

Individual faculty members deal directly with any cases of academic dishonesty which arise in the faculty member's coursework. If a faculty member suspects a student of academic dishonesty, the faculty member will first advise the student of the accusation before imposing a penalty and allow the student an opportunity to question the accusation. The faculty member may then impose an appropriate written sanction, reflecting the seriousness of the act and ranging from an informal warning to, but not greater than, the issuance of a grade of F for the course and/or removal from the course. If the faculty member issues a grade of F for the course, notification of the action must be sent to the University Judicial Officer. If the faculty member

feels the case warrants punishment beyond the issuance of an F grade for the course and/or removal from the course, the faculty member may appeal to the University Judicial Officer (as described in Step 3 below), provided that the faculty member requests such appeal within five calendar days of the faculty member's meeting with the student.

#### STEP 2: Student Action

A student who is accused of academic dishonesty by a faculty member may either accept the penalty imposed by the faculty member or request a conference with the University Judicial Officer in the Office of the Dean of Students. The request for a conference shall be made within five calendar days of the student's receipt of the written sanction referred to in Step 1 above.

#### STEP 3: Conference with the Judicial Officer

If, in the judgment of the faculty member, the alleged act of academic dishonesty warrants extreme sanctions, the faculty member may request that the matter be brought before the University Judicial Officer for consideration and recommendation for disposition, as provided for in Step 1 above. Similarly, if the student wishes to appeal the decision of the faculty member (as outlined in Step 2 above), the student may request a conference with the University Judicial Officer for consideration and recommendation for disposition.

In the event that either the faculty member or the student desires a conference concerning the matter, the University Judicial Officer shall meet with the parties concerning the matter, give consideration to differing views and make recommendations for disposition.

#### STEP 4: Formal Hearing, University Judicial Board

After conferring with the University Judicial Officer, the faculty member or the student may appeal to the University Judicial Board within five calendar days of such conference. The University Judicial Board shall then convene to consider the appeal and render a decision.

## **Financial Assistance**

A limited amount of financial aid in the form of graduate assistantships from the University and grants from the Maryland Other Race Grants Program is available each year to selected graduate students. Information concerning such assistance may be obtained from the Graduate Office.

#### **Tuition and Fees**

Tuition for graduate students classified as Maryland residents is \$99 per semester hour for graduate credit. Tuition for graduate students classified as out-of-state residents is \$110 per semester hour for graduate credit. In addition, an out-of-state fee of \$15, payable at each registration, is assessed each graduate student residing out of state.

Also payable at each registration is a registration fee of \$26. The following additional fees, usually non-recurring, are also applicable for most graduate students: admission to graduate study, \$25; on-campus parking fee (payable once annually between September 1 and August 31), \$10; and academic services fee, \$10. A penalty of \$25 is charged for late registration.

There is a facilities fee of \$3 per credit hour for all graduate students.

It should be noted that tuition and fees are subject to change without notice by action of the Board of Regents of the University of Maryland System.

## Official Withdrawal and Refund Procedures

Students are urged to note this information with care.

A graduate student who finds it necessary, after registration, to drop a part of his/her course load, or to withdraw from the University completely for that term, should in all cases complete the official drop or withdrawal form and submit it to the Office of the Registrar. This assures the student that any refund due will be processed automatically, and that the change of registration will become a matter of record.

Students failing to comply with regulations governing official withdrawal and/or dropping of courses will receive a grade of F for courses from which they withdraw or drop unofficially, and will forfeit all right to refunds which might otherwise be made.

Detailed procedures for official withdrawal from the University and official dropping of courses, including deadlines for submitting forms necessary for the disbursement of refunds, appear regularly in the Registration Bulletin for Undergraduate, Graduate and Continuing Education and in the Summer Session Bulletin and the Winter Term Bulletin.

## **Application for Diploma**

It is the responsibility of the individual graduate student to check with his/her faculty advisor to make sure that all degree requirements have been fulfilled and to make the necessary arrangements with the Office of the Registrar for graduation.

Each degree candidate must make application for his/her diploma. *The Application for Diploma* is available in the Office of the Registrar and must be completed and returned to the Registrar's Office not later than the end of the drop/add period of the final semester before graduation.

If the student fails to file the Application for Diploma by this deadline, graduation may be delayed one semester. Any student who finds it necessary to postpone graduation must submit a new Application for Diploma to the Office of the Registrar.

## Transcripts and Certification of Completion of Degree Requirements

Transcripts of graduate records and certification of the completion of degree requirements may be obtained by contacting the Office of the Registrar. Certification of completion of degree requirements will be made only after all requirements are, in fact, completed and after the *Application for Diploma* is submitted.

#### **Professional Certification**

Requirements for the various teaching and administrative state certificates change from time to time and are determined by agencies other than the University. Therefore, the University cannot guarantee that a particular graduate program will automatically fulfill requirements for any of the various certificates available. Students seeking such certification are advised to consult a certification specialist within their state departments of education for information on the particular certification requirements they may wish to meet.

## Graduate Degree Programs

### The Master of Business Administration

The Franklin P. Perdue School of Business was created with a multimillion dollar enhancement fund to ensure that the programs offered by the school maintain a high level of excellence. The Perdue School is the largest center for business training and development at the university level in this region. Key characteristics of the school are its emphasis on the entrepreneurial spirit, its blend of theoretical and applied study, and its close interaction between the business community and the classroom. The Perdue School is committed to superior teaching with a concern for students and their individual development as well as the employment of high quality faculty engaged in service and research. The M.B.A. program is designed to allow both recent graduates and experienced managers to complete the degree requirements at an individualized pace. Students may enroll on either a part-time or a full-time basis, with completion generally in three-to-five semesters, depending on enrollment status.

#### I. Admission to the Program

In addition to the general requirements for admission to the Salisbury State University Division of Graduate Study, described previously in this catalogue, applicants for admission to the M.B.A. program must have:

- A. Completed the core of required undergraduate courses cited below or their equivalent graduate survey courses:
- Principles of Accounting I and II
- Macro- and Micro-Economic Principles
- · Financial Management
- Principles of Management

Management and Organizational Behavior

- · Principles of Marketing
- · Elementary and Intermediate Business Statistics
- · Legal Environment of Business
- Production Management
- Management Information Systems

In addition to the above required courses, prospective M.B.A. candidates must have a course in finite math, applied calculus or an equivalent college-level math course.

- B. Submitted official transcripts of all prior college work.
- C. Attained a total score of at least 950 points based on the formula: 200 times the student's overall grade point average (on a 4.0 scale) plus the GMAT (Graduate Management Admission Test) score; or at least 1000 points based on the formula: 200 times the upper-division grade point average plus the GMAT score. Applicants with at least a 3.0 overall grade point

average or at least a 3.25 upper-division grade point average may enroll prior to taking the GMAT, provided space is available. No student may register for a second term unless the GMAT score has been received by the Office of Graduate and Continuing Education.

- D. Obtained two letters of recommendation from individuals qualified to judge the applicant's ability to do graduate work in business.
- E. Submitted a resume including a statement of reason for pursuing the Master of Business Administration and a statement of career goals.

#### II. Provisional Admission

Provisional admission may be granted to applicants who have not yet completed the required core of undergraduate courses but whose grade point averages and GMAT scores meet the required total shown in the admissions formulas above. Students in this category should apply for admission as soon as possible so that a specific, individualized plan for satisfying core requirements may be developed in consultation with the director of business graduate programs of the Franklin P. Perdue School of Business. Provisionally admitted students may, with approval of the director, take a maximum of six semester hours of M.B.A. courses (600-level) while under the provisionally admitted status.

Provisionally admitted students must maintain a cumulative grade point average of at least 3.0 in undergraduate M.B.A. prerequisite courses and 500-level courses (combined) with no grade less than C.

#### III. Course Requirements

A. While matriculating, fully admitted students must maintain a cumulative GPA of at least 3.0 in 600-level courses with no grade less than C. To be eligible to receive the M.B.A., the graduate student must complete an approved program of 30 semester hours with a cumulative grade point average of at least 3.0 and with no grade lower than C. Of the 30 semester hours, 27 are required, while the remaining three hours are elective (i.e., electives within the M.B.A. program) and may be used for individualizing the student's program. The required courses are listed below.

#### **Required Courses**

		Credi
BUAD 620	Organizational Theory	3
	Economic Environment of the Organization	
	External Environment of the Organization	
BUAD 640	Managerial Accounting	3
BUAD 650	Corporate Financial Management	3
BUAD 660	Marketing Strategy	. 3
BUAD 670	Management Science Models	. 3

> B. The M.B.A. curriculum has been arranged so that full-time M.B.A. students can finish the degree requirements in three semesters and the part-time M.B.A. students can finish in five semesters. All requirements for the M.B.A. must be completed within seven years of the end of the semester in which M.B.A. work began.

#### IV. Financial Assistance

Awarded on the basis of academic achievement, a limited number of graduate assistantships are available for qualified M.B.A. students. Applications for graduate assistantships may be obtained from the Office of Graduate and Continuing Education or from the director of business graduate programs in the Franklin P. Perdue School of Business.

#### The Master of Education

The Master of Education (M.Ed.) is a professional degree designed for those students seeking advanced level preparation in the education professions. The curriculum includes fundamental, theoretical and practical experiences within specific areas of concentration. Some of the general objectives are as follows:

 To provide school personnel an opportunity for personal and professional growth and development through graduate study.

To provide classroom teachers, administrators and specialists an opportunity to develop and improve competencies in their specific disciplines.

To provide candidates with an opportunity for additional preparation needed to advance to one of the more specialized roles in the schools.

Students seeking the Master of Education at Salisbury State University will complete an approved program of study including at least 33 semester hours of graduate credit with a cumulative average of B or higher, with no grade lower than C, and no more than six credit hours of C in their programs.

In addition to the general requirement for admission to the Salisbury State University Division of Graduate Study, the student must make application for admission to the Master of Education program. Acceptance to the Division of Graduate Study does not constitute acceptance to the Master of Education program.

#### I. Admission to the Program

A. To be eligible for admission as a degree-seeking student to the Master of Education program at Salisbury State University, the prospective student must submit an application for admission including a written description of the reasons for pursuing graduate study in education and a statement of career goals within the discipline.

Credentials for admission to the Division of Graduate Study should be sent to the Office of Graduate and Continuing Education. Creden-

tials for admission to the Master of Education program should be sent to the School of Education and Professional Studies. Following the review of these materials by the School of Education and Professional Studies Graduate Committee, the Master of Education program director will assign those students admitted to the program a faculty advisor, and the director will formally notify the student of admission or denial to the program.

B. Plan of Study

Prior to registration, it is the student's responsibility to become familiar with program requirements and to confer with the assigned faculty advisor to develop a plan of study. During the student's first semester of registration, the student will submit the *Plan of Study* form for approval by the faculty advisor and the program director.

C. Non-degree, Graduate Standing

Questions regarding the applicability of courses taken as a non-degree graduate student will be resolved by the Department of Education Graduate Committee.

#### II. Course Requirements

A. The core requirements in the Master of Education program are designed to:

 Encourage a spirit of inquiry that will enable students to design and interpret research

Assist students in developing a theoretical background that applies to human development, learning and instruction, and evaluation.

 Help students acquire an appreciation of historic traditions, broad cultural themes, and social trends affecting the dynamics of educational systems worldwide and scientific approaches toward the study of educational issues and their critics.

4. Provide students with the opportunity to develop an understanding of human relationships and how they affect both the teaching learning process and the context in which schools operate, as well as develop interpersonal/group skills which will enhance their school effectiveness.

A core of 12 semester hours in foundation courses in education is required as indicated. It is strongly recommended that Education 502: Introduction to Research (three semester hours) be taken at the outset of graduate study.

Require	ed (12 semester hours)	Credits
EDUC 502	Introduction to Research	3
	of one of the following three: Historical, Philosophical and Social Foundations	Credits 3
EDUC 501 or	Comparative Education	. 3
EDUC 510	Seminar: Recent Issues in Education	. 3
	of one of the following three: Seminar: Research in Human Development	Credits 3
EDUC 532 or	Measurement and Evaluation	. 3
EDUC 545	Learning and Instruction in the Schools	. 3

	of one of the following three: Classroom Management	Credits 3
EDUC 504	Multicultural Education	3
0.	Group Dynamics in Classroom Settings	. 3

In addition to foundation courses, each Master of Education candidate will select an area of concentration consisting of an approved 12 semester hours concentration, six hours of approved electives and a master's thesis or approved course substitute. Detailed descriptions of available courses and additional information concerning each area of concentration will be provided by advisors.

The area of concentration shall be selected from one of the following areas: counseling, early childhood education, educational administration and supervision, elementary education, mathematics, media and technology, music, psychology, reading education, or any one of the following secondary education specializations: English education, mathematics education, science education or social science education. At least six semester hours in the concentration shall be selected from courses at the 500 level (i.e., available exclusively for graduate credit).

#### Example:

12 Semester Hours - Foundation Courses

12 Semester Hours - Concentration

6 Semester Hours - Approved Electives

3 Semester Hours - Thesis Project or Course Substitute.

#### Concentration

Areas of concentration will be determined by the student and the School of Education advisor in cooperation with individual academic departments.

#### Thesis Option or Course Substitute

Students are required to complete a thesis or an approved course substitute. Guidelines for these options are available in the Department of Education.

Those electing the thesis option will enroll in Education 530: Directed Research, (three semester hours), and will submit the completed project to the project director. They also must satisfactorily complete an oral examination on the project, to be scheduled through the faculty advisor after completion of the project.

## The Master of Arts in English

#### I. Admission to the Program

In addition to the general requirements for admission to the Salisbury State University Division of Graduate Study, outlined previously in this catalogue, an applicant for admission to the M.A. in English program must have:

A. The undergraduate English major, its equivalent (30 semester hours of English beyond freshman English), or a major in a related area, with a 3.0 grade point average in those undergraduate courses. A student who fails to meet this requirement should consult the English Department's graduate director regarding removal of deficiencies.

B. Acceptable scores on the Graduate Record Examination (GRE) Aptitude Test and GRE Advanced Test in English. A minimum score of 500 on the Advanced Test in English is required; however, under special circumstances, the English Department Graduate Committee may admit candidates who do not meet this condition. A student who chooses the language/composition concentration described below should only submit the GRE Aptitude Test results.

C. Two letters of recommendation from individuals qualified to judge the applicant's ability to do graduate work in English.

D. A written description of the applicant's reason for pursuing English graduate study and academic goals within the discipline.

All application materials should be submitted to the dean of graduate and continuing education 30 days prior to the beginning of the semester. When admitted to the English graduate program, graduate students may count no more than nine hours taken as non-degree students toward the M.A. in English.

#### II. Course Requirements

- A. To be eligible to receive the M.A. in English, the graduate student must complete 33 semester hours. Included in the 33 hours must be a minimum of nine semester hours of English at the 500 level. Students in Plan C and teaching fellows in the literature option must take a minimum of six semester hours of English at the 500 level.
- B. The graduate student must maintain a cumulative average of 3.0 or higher on all courses and must have no grades below C. After completion of the first three courses (nine semester hours) in the program, any final grade lower than C will disqualify the student from continued enrollment in the program.
- C. The student may choose one of the three following ways to meet degree requirements. All course selections must be approved by the graduate director in English.

1. Plan A (Non-thesis)

a. At least 24 semester hours of English at the 400-500 level.

 b. Up to nine semester hours at the 400-500 level in one supporting discipline, e.g., education, history, modern languages, philosophy, psychology, sociology, communication arts or art.

2. Plan B (Thesis)

- At least 21 semester hours of English at the 400-500 level.
- Up to nine semester hours in one supporting discipline listed under Plan A above.
- c. Three semester hours thesis credit (English 531).

3. Plan C (Language/Composition)

 a. The following 18 required semester hours of coursework in composition and language:

Credits ENGL 465 Research in Composition ENGL 466 Current Problems in Composition Research ENGL 514 Writing Program Issues ENGL 430 Principles of Linguistics ENGL 431 A Survey of Modern Grammars ENGL 435 Varieties in Language

b. The required course, English 463 (Literary Analysis), and up to 12 semester hours of 400/500-level course electives in English; six of these hours are to be in literature. Subject to the graduate director's approval, three of these 12 semester hours may be elected from 400/500level courses outside the English Department, Plan C students are not restricted to the education courses even though they are required to take six hours in education as core courses

c. Completion of a research project that

draws on work from all required

III. Procedures of the Academic Program

Students in Plans A or B may elect to concentrate in an area of emphasis compatible with their needs and with the availability of course offerings outlined in the department's course scheduling sequence. This area may be a period of British, American or comparative literature; a genre of literature; or the study of language, rhetoric and composition. Within the departmental course offerings, students also may elect a subordinate emphasis upon folklore or film.

#### IV. Additional Requirements

To help maintain a measure of commonality and a liberal scope to the degree program, all candidates for the M.A. in English in Plans A and B must take a written comprehensive examination. As soon as students have been admitted to the program, they will be provided with a list of primary texts to prepare for the examination. Students are responsible for all materials on the list regardless of the coursework they may elect. Students may take the examination at the conclusion of any semester in which they currently maintain good standing in the degree program, though they may not delay the examination longer than one full semester following the completion of their coursework. Every examination will be evaluated by two members of the English Department faculty, unless a third opinion of an examination's merits should be required. In order to earn the M.A. in English, a student must pass the comprehensive examination within two attempts.

## The Master of Arts in History

#### I. Requirements for Admission to Candidacy

A. At least 15 semester hours in history from the junior-senior level or above, including a course in historiography, and a grade point average of 3.0 or better in all history courses. This preparation is designed to serve as a foundation for graduate study in history and is therefore ineligible for inclusion in the 33 semester hours normally required for the degree. Students lacking this preparation must make up the deficiency prior to becoming eligible for admission to can-

B. Submission of an official copy of scores on the Graduate Record Examination Aptitude Test. It is expected that students will submit the GRE scores at the time they apply to enter the History Department's graduate program.

C. An acceptable verbal and quantitative score on the GRE Aptitude Test or a minimum 50th percentile is required; however, under special circumstances the History Department may admit candidates who do not meet this condition.

D. Two letters of recommendation from individuals qualified to judge the applicant's ability to pursue graduate studies in history.

E. Submission of the completed application for admission to candidacy to the dean of graduate and continuing education. This application should be submitted after completing the above requirements and at least 12 semester hours of graduate degree credit, but not more than 18 hours, with a cumulative average of 3.0 or higher and no grade below C.

Graduate degree students are required to earn a minimum of 15 semester hours of graduate credit after admission to candidacy, except in special cases authorized by the dean of graduate and continuing education.

#### II. Course Requirements

A minimum of 33 semester hours, with a cumulative grade point average of 3.0 or higher and no grade below C, is required for the Master of Arts in history. At least 15 semester hours must be taken in courses at the 500 level, and these 15 hours must include at least nine semester hours at the 500 level in history (i.e., courses available exclusively for graduate credit). The remaining six hours must be in history or in the student's designated minor field.

Students admitted to the M.A. program in history may choose either Plan A or Plan B for meeting course requirements. All course selections must be approved by the History Department's program director.

Plan A

- 1. Eighteen semester hours in history
- 2. Nine semester hours in one minor field (education, English, geography, psychology,
- 3. Six semester hours: thesis in history Plan B
- 1. Twenty-four semester hours in history
- 2. Nine semester hours in one minor field (education, English, geography, psychology,

#### III. Additional Requirements

All candidates for the M.A. in history must satisfactorily complete both a written and an oral examination near the completion of their program requirements, demonstrating proficiency in the areas of study undertaken. Students should contact the chair of the History Department in this regard after completion of 21 semester hours of graduate credit. Plan A students must complete this examination requirement either prior to or in the semester concurrent with registration for the thesis.

In the event of an unsatisfactory performance in whole or in part on these written and oral examinations, the candidate will be eligible for re-examination in whole or in part as the case may warrant. Such re-examination must occur within a year of the original examinations. In any event, a candidate will be eligible for no more than one written or oral re-examination.

## The Master of Science in Nursing

Graduate education in nursing builds upon generalized preparation at the undergraduate level and provides advanced role preparations and knowledge in a specialized area of nursing. Salisbury State University offers a master's program with a major in family nursing in rural areas, with functional role preparation in either nursing service administration or clinical specialization. The program also is designed to provide a basis for doctoral study in nursing.

Students seeking the Master of Science in nursing must complete an approved program of study, including a minimum of 39 semester hours of graduate credit with a cumulative average of 3.0 or higher and no grade lower than C. Students can enter the graduate nursing program through the traditional or the second degree track. The traditional program track is designed for students who have a B.S.N.; the B.S.-M.S. second degree track is designed for students who have a degree in another field of study and desire a B.S.N. and an M.S. in nursing.

#### **Traditional Program**

#### I. Admission to the Program

In addition to the general requirements for admission to the Salisbury State University Graduate School outlined above, applicants for admission to the graduate program in nursing must meet the following requirements

- A. Completion of a National League for Nursing accredited baccalaureate degree program in
- B. A grade point average of 3.0 on a 4.0 scale.
- C. Submission of a clear statement of educational and professional goals. D. Evidence of current RN licensure in Maryland.
- E. Evidence of current malpractice insurance and
- CPR (C module) certification.
- F. A copy of current curriculum vitae/resume.
- G. Completion of undergraduate statistics course.
- H. Provision of proof of current health examina-
- I. Admission interview.

#### II. Course of Study

A minimum of 39 semester hours, approved by the department advisor and taken in the prescribed sequence according to the functional area selected, must be completed. The program may normally be completed in two academic years of full-time study. Part-time study leading to the degree is also available.

Each student will elect to take either clinical specialization or nursing service administration as a functional role. Once the choice has been made, the potential clinical specialist will take one of the following courses:

Credits BIOL 552 Advanced Human Physiology ..

EDUC 472 Theory and Practice of Teaching Adults ... and the potential nursing service administrator will take the following course:

Credits BUAD 535 Health Care Finance

#### III. Additional Requirements

All candidates for the Master of Science in nursing must complete a thesis and must take two semester hours in the following course:

Credits NURS 545 Research Development

Students and their advisors will select a thesis committee composed of three faculty members. At least one of these faculty members must be a member of the graduate faculty from the Department of Nursing. The thesis committee must approve the student's thesis proposal before the student initiates the research.

Upon completion of the thesis, an oral examination will be conducted by the thesis committee.

Guidelines for the thesis are provided by the

#### B.S.-M.S. Second Degree Program

The School of Nursing and Health Sciences offers an accelerated track leading to the Master of Science with a major in nursing for non-nursing college graduates who wish to prepare for professional nursing roles and advanced clinical practice. The accelerated curriculum track acknowledges the educational, career and life experiences of the individual as well as interpersonal skills, intellectual abilities and maturity.

An individual must have completed at least a bachelor's degree from an accredited college or university to be eligible for admission to the accelerated track. Students from all majors, including registered nurses with college degrees in other majors, are eligible to enroll. Applicants must complete prerequisite coursework or demonstrate mastery of the following subject areas: elementary statistics, microbiology, and anatomy and physiology (including all body systems). Students may choose to enroll in additional arts and sciences courses or complete independent study modules to strengthen their backgrounds in specific areas. Faculty advisors will assist prospective students to assess their learning needs and identify independent learning resources which are available to them through the school.

#### I. Admission to the Program

Applicants for admission must meet all University requirements for graduate study by the Office of Graduate Studies.

Admission to the Department of Nursing is competitive and will be based on evaluation of the applicant's overall academic qualifications. In addition, to be considered for admission to this track the applicant must submit a completed Department of Nursing application

- A. Hold a baccalaureate or higher degree in any major from an accredited institution.
- B. Have a minimum cumulative grade point average of 2.75 on a 4.0 scale on all college/university courses completed prior to admission.
- C. Submit a clear statement of educational and professional goals.

- D. Have a personal interview with a faculty advisor.
- E. Submit one additional academic and/or professional recommendation.
- F. Provide proof of current health examination.
- G. Provide evidence of current malpractice insurance and CPR (C module) certification.
- H. Submit a copy of current curriculum vitae/ resume.

In order to progress in this program track, students must meet all University and department requirements and:

- A. Achieve a minimum grade of C in all required undergraduate courses and a minimum grade of B in all graduate-level courses.
- B. Maintain a cumulative grade point average of at least 3.0 to progress to the final 30 semester hours of graduate coursework.
- C. Be licensed as a professional nurse to progress to the final year of the program.

#### II. Advanced Placement for Registered Nurses

A minimum of 30 semester credit hours are required by the University for the second baccalaureate degree. Registered nurse students with bachelor's degrees in other disciplines may be eligible to receive credit by examination for selected undergraduate nursing courses, not to include the following courses:

			Credit
N	IURS 330	Conceptual Foundations for Nursing	3
1	IURS 450	Nursing Through the Life Cycle I	6
N	<b>IURS 475</b>	Nursing Process and Communities	5
1	IURS 495	Dimensions of Professional Nursing	

(For description of undergraduate courses, see undergraduate catalogue.) Registered nurses enrolled in this track may not receive advanced placement for graduate courses.

#### III. Course of Study

There are 83 semester credit hours in the course of study. The program is designed so that it can be completed in three academic years of full-time study. During the first year of the course of study, students enroll in undergraduate-level clinical and theory courses designed specifically for students in this track. In the second year students take undergraduate and graduate-level courses which enable them to complete the requirements for the B.S. in nursing. These courses also provide the foundation for advanced clinical practice in family health nursing in rural areas. In the final year students will select either a clinical specialization or nursing service administration functional role.

The baccalaureate degree will be awarded after successful completion of 48 semester credit hours (44 undergraduate credits, 4 graduate credits). The master's degree will require a minimum of 35 semester credit hours beyond those courses taken for the Bachelor of Science. The full-time student will normally complete the undergraduate degree requirements and be eligible to take the National Council Licensure Examination for registered nurses (NCLEX-RN) in four semesters. Students who follow the curriculum plan and meet the degree requirements will be eligible to receive the Master of Science with a major in nursing after two additional semesters of full-time graduate study and completion of a thesis/research project.

#### IV. Additional Requirements

All candidates for the Master of Science in nursing must complete a thesis and take two semester hours in the following course:

NURS 545 Research Development ...... 1

Students and their advisors will select a thesis committee composed of three faculty members. At least one of these faculty members must be a member of the graduate faculty from the Department of Nursing. The thesis committee must approve the student's thesis proposal before the student initiates the research.

Upon completion of the thesis, an oral examination will be conducted by the thesis committee.

Guidelines for the thesis are provided by the department.

#### V. Degree Requirements (Program Plans Available in Nursing Department)

		Credits
	Pathophysiology	
MATH 502	Applied Statistics	. 3
*NURS 330	Conceptual Foundations for Nursing	. 2
	Nursing Technologies and Health Assessment I.	
	Nursing Technologies and Health Assessment II.	
	Nursing Through the Life Cycle I	
	Nursing Through the Life Cycle II	. 5
	Pharmacotherapeutics	
	Nursing Process and Alterations in Health I	
	Nursing Process and Alterations in Health II	
	Nursing Process and Communities	
	Dimensions of Professional Nursing	
	Epidemiology	
NURS 516	Family Health Nursing I	5
NURS 517	· · · · · · · · · · · · · · · · · · ·	
NURS 538	Nursing Theories	. 2
NURS 544	Research Designs	3
NURS 545	Research Development Administration in Nursing Service	. 1
NURS 554	Administration in Nursing Service	6
or		
NURS 556	Clinical Nursing Specialization	
NURS 525	Health Care Systems	
NURS 552	Specialized Roles in Nursing	
BUAD 535	Health Care Finance	. 3
	(for administrative role)	
EDUC 472	Theory and Practice of Teaching Adults	. 3
	(for clinical specialty role)	
or		
BIOL 552	Advanced Human Physiology	. 3
	(for clinical specialty role)	

ELECTIVES (traditional - 3 credits; second degree - 5 credits)
\*Undergraduate courses for B.S.-M.S. second degree track students

## Cooperative Program– Salisbury State University and Widener University

Salisbury State and Widener universities have established a cooperative program to provide expanded opportunities for specialized graduate education in pursing

Through this program, students enrolled in the master's degree program at Salisbury State University may elect to receive advanced preparation at Widener University as clinical specialists in oncology nursing or burn emergency and trauma nursing. Students enrolled in the master's degree program at Widener University may elect to receive advanced preparation at SSU as clinical specialists in family health nursing in rural areas.

## The Master of Arts in Psychology

#### I. Concentrations of Study

The Psychology Department offers a Master of Arts program which provides training for students in the concentrations of counseling and school psychology. Both part-time and full-time students are accepted. In addition, the department offers courses available to students in other graduate programs.

#### II. Departmental Admission Criteria

Entrance into a program of study in the Department of Psychology is by application and review of credentials. Admission criteria are as follows:

- A. A student must be admitted by both the Office of Graduate and Continuing Education and the Psychology Department Admissions Committee.
- B. Completion of requirements for an undergraduate major or equivalent in psychology or related area with an overall undergraduate grade point average of 2.75 and a grade point average of 3.0 in the major field during the last two years of study.
- C. Completion of an undergraduate course in psychological statistics and a course in the psychology of learning are required because these courses provide a foundation for graduate study in this field. Students without this foundation may be conditionally admitted to the department but must make up the deficiency prior to being unconditionally admitted.

D. Submission of scores received on the Graduate Record Examination (verbal and quantitative) or the Miller Analogies Test. (MAT).

E. Submission of three reference letters (using the Office of Graduate and Continuing Education form) preferably including one from a college academic advisor and the most recent employer. The individual making the recommendation should be asked to comment upon the applicant's personal qualities (ideals, honesty and leadership), ability to work in the chosen field (relationship with peers and organizational ability), academic achievement, work experiences and sense of job responsibility.

#### III. Admission Procedures

Admission into a program of study is a two-step process involving separate application to both the Office of Graduate and Continuing Education and the Psychology Department. The following materials must be submitted to the Office of Graduate and Continuing Education. All materials must be received at least 30 days before the beginning of the first semester of graduate study:

A. A completed Application for Admission to Graduate Study.

B. Official transcripts of all previous college coursework

C. Two letters of recommendation.

Once admitted for graduate study, the student must apply for admission to the M.A. program in psychology by: (1) completing the departmental application, and (2) submitting scores made on the Miller Analogy Test or the GRE by December 15 for spring admission and May 15 for fall admission.

#### IV. Academic Requirements

A. A 3.0 grade point average is required in a pre-

scribed sequence of graduate courses in order to be eligible to receive the Master of Arts.

- B. A minimum of 36 hours of graduate coursework is required.
- C. Each candidate will be required to pass a written comprehensive examination. A written request from the student must be submitted at least one month prior to the examination date. In the event the student does not pass the comprehensive examination, one re-examination may be taken. This exam will be scheduled so that the student has adequate time for review. If the student fails to perform adequately on the second exam, the student will be dropped from the program, but has the right of appeal. Guidelines are provided to students regarding the structure of comprehensive examinations.
- D. Each candidate must satisfactorily complete a master's thesis for three hours credit. The thesis topic must be approved by a committee of three faculty members selected by the student and the student's advisor. The thesis may be research-based (empirical), practiced-based (case formulation and analysis) or theory-based (critical review). Guidelines for the selected option will be provided by the department. Upon completion of the thesis, an oral examination will be conducted by the student's thesis committee.
- E. Decisions regarding continuance of studies will be predicated on a combination of factors such as demonstrated clinical competence, personality factors, and other relevant issues in addition to grades in coursework.

#### V. Transfer of Credit

- A. A maximum of nine semester hours of graduate credit may be transferred from other accredited institutions. These may not replace any of the requirements except in special cases. Such transfer credit must carry a grade of B or higher, and the coursework must be directly related to the candidate's program of study as approved by the Department of Psychology and the dean of graduate and continuing education.
- B. Credits earned by correspondence courses are not eligible for transfer. Extension program credits may be eligible, subject to the approval of the Department of Psychology.

#### VI. Faculty Advisors

Every student initially will be advised by the director of the graduate program in the Psychology Department, who advises the student on courses, approves the course of study and acts as a channel of communication between the student and other segments of the University. During the first semester of graduate work, an appraisal is made of each student's strengths and weaknesses. The appraisal forms the basis for subsequent program planning. Such planning is a joint function of the student and the advisor.

#### **Course Concentrations**

#### I. Counseling Psychology

This concentration is designed to train master'slevel students in psychology who have an interest in the application of intervention models in locations such as mental health centers, college counseling centers and correctional facilities. Even though the program's emphasis is on the training of applied psychologists, the department views the competent practitioner as functioning according to the scientist-practitioner model.

All students who complete the Counseling Psychology concentration are expected to have skills and knowledge in the areas of: 1) counseling theories, intervention strategies and processes; 2) legal, ethical and professional issues; 3) social, cultural and psychological foundations of behavior; 4) individual assessment; 5) research and statistics. Experiences in mental health agencies and other settings will be employed to apply knowledge gained through formal coursework.

A. Required Foundation Courses: In addition to Psychology 220 (Psychological Statistics) and Psychology 305 (Psychology of Learning), the following three courses are viewed by the faculty as essential to building a conceptual foundation for the more advanced courses of the program. Students who have not completed these courses must do so at the beginning of their program.

Required (	Courses	Credits
PSYC 302	Abnormal Psychology	3
	Measurement and Evaluation in Psychology	
PSYC 407	Psychology of Personality	3

- B. Degree Requirements: To be considered for graduation, students must meet the following requirements:
  - 1. Completion of required foundation courses.
  - Completion of a course of study according to the following:

	to the following:	
Theory and	Intervention (12 credits)	Credits
PSYC 500	Seminar in Professional Psychology (Req.)	3
PSYC 544	Clinical Intervention Skills (Req.)	3
PSYC 507	Psychotherapy and Counseling I (Req.)	3
PSYC 508	Psychotherapy and Counseling II (Req.)	3
Assessmen	nt (6 credits minimum)	Credits
PSYC 505	Personality Assessment	3
PSYC 520	Individual Intelligence Testing	3
PSYC 521	Psycho-Educational Assessment	3
Research a	and Statistics (9 credits minimum)	Credits
	Statistical Analysis of Experiments (Req.)	
PSYC 555		3
	Thesis (Req.)	3
		Credits
PSYC 406	Psychology of Attitudes and Attitude Change	3
	Environmental Psychology	
	Childhood Psychopathology	
	Seminar in Adolescent Behavior	
PSYC 562	Human Development	3
PSYC 513	Adult Psychopathology	3
EDUC 598	Counseling with Minority Groups	3
		Credits
PSYC 524	Clinical Practicum I	3
	Clinical Practicum II	3
2	Caticfactory completion of compreh	

Satisfactory completion of comprehensive examinations.

Students will select courses in consultation with their advisors according to their previous experience and their professional interests and goals.

#### II. School Psychology

This concentration is designed to train serviceoriented school psychologists who have interests in children and young adults with learning and behavior problems. Students who complete this program of study and have a minimum of 45 hours approved by the Maryland State Department of Education are eligible to apply for certification as level I school psychologists (in the state of Maryland) after obtaining the required period of professional experience.

Although not required for graduation, students wishing to be eligible for certification as level I school psychologists (in the state of Maryland) also must arrange and complete internships in school psychology. These internships consist of a minimum of 500 clock hours of professional experience in school psychology internship programs which includes experience in regular and special education programs and which emphasizes assessment. Students interested in school psychology are advised to contact the Maryland State Department of Education for further information.

Students will select courses in consultation with their advisor according to their previous experience and their professional interests and goals.

All students who complete the school psychology concentration are expected to have skills and knowledge in the areas of: 1) counseling theories, intervention strategies and processes; 2) individual assessment, diagnosis and report writing; 3) research and evaluation; 4) social and psychological foundations; and 5) behavioral management in the classroom. Laboratory practice and experiences in the schools will be employed to relate knowledge gained through formal coursework to the skills required on the job.

regular and special education programs and which emphasizes assessment. Students interested in school psychology are advised to contact the Maryland State Department of Education for further information.

Students will select courses in consultation with their advisor according to their previous experience and their professional interests and goals.

All students who complete the school psychology concentration are expected to have skills and knowledge in the areas of: 1) counseling theories, intervention strategies and processes; 2) individual assessment, diagnosis and report writing; 3) research and evaluation; 4) social and psychological foundations; and 5) behavioral management in the classroom. Laboratory practice and experiences in the schools will be employed to relate knowledge gained through formal coursework to the skills required on the job.

A. Required foundation courses: The following three courses are viewed by the faculty as essential to building a conceptual foundation for the more advanced courses of the program. Students who have not completed these courses must do so at the beginning of their program.

Required (	Courses	Credits
PSYC 403	Measurement and Evaluation in Psychology	3
PSYC 407	Psychology of Personality	3
PSYC 430	Learning Theory and Its Application	3

- B. Degree Requirements: To be considered for graduation, students must meet the following requirements:
  - 1. Completion of required foundation courses.
- Completion of a course of study according to the following:

  Credits

	to the following:	
Theory and	d Intervention (12 credits)	Credits
PSYC 500	Seminar in Professional Psychology	3
PSYC 544	Clinical Intervention Skills	3
PSYC 507	Psychotherapy and Counseling I	3
PSYC 508	Psychotherapy and Counseling II	3
Assessme	nt (9 credits minimum)	Credits
PSYC 505	Personality Assessment (Req.)	. 3

PSYC 520	Individual Intelligence Testing (Reg.)	. 3
PSYC 521	Psycho-Educational Assessment (Reg.)	
Research :		Credits
PSYC 560		3
PSYC 555	Experimental Design (Reg.)	3
PSYC 531	Thesis (Req.)	
PSYC 530	Directed Research	3
	pics (3 credits minimum; students seeking	Credits
opeciai 10	certification may need to take additional courses	
PSYC 503	Childhood Psychopathology	
PSYC513	Adult Psychopathology	
PSYC 423		3
PSYC 502	Psychology of Learning Disabilities	3
PSYC 515	Seminar in Adolescent Behavior	
PSYC 562	Human Development	
or	Trainer Dovolopmont	
-	Seminar in Human Development Research	3
EDUC 427	Classroom Analysis and Correction	
LD00427	of Reading Difficulties	. 3
EDUC 467	Educating the Mildly Handicapped Child	
EDUC 480	Teaching Children with Special Needs	
EDUC 545	Learning and Instruction in the Schools	
EDUC 543	The Diagnosis of Reading Disabilities	
CMAT 450	Speech Correction and the Classroom Teacher.	3
		-
	ychology Practica (6 credits minimum) Clinical Practicum I	Credits
	Clinical Practicum I	3
	Cotiofostom completion of compreh	

3. Satisfactory completion of comprehensive examinations.

## **Courses of Instruction**

### Accounting

601. INTEGRATED ACCOUNTING SYSTEMS 3 hours credit Detailed analyses and hands-on application of computerized integrated accounting software systems. Emphasis on general ledger, accounts receivable, accounts payable, payroll, inventory and report writing systems. Prerequisites: ACCT 304, ACCT 341; acceptance into the graduate program or consent of the director of business graduate programs. May not be taken for credit by students who have taken ACCT 401. Three hours per week.

604. ADVANCED ACCOUNTING 3 hours credit Examination of the following advanced accounting topics: foreign currency translations, segment interim and SEC reporting, troubled debt, partnerships, and estates and trusts. Prerequisites: ACCT 302, ACCT 305; acceptance into the graduate program or consent of the director of business graduate programs. May not be taken for credit by students who have taken ACCT 404. Three hours per week.

608. ADVANCED AUDITING 3 hours credit Advanced auditing course building on the concepts introduced in Auditing I. Major topics include: professional ethics, operational auditing, governmental auditing, statistics in auditing and computers in auditing. Prerequisites: ACCT 407; acceptance into the graduate program or consent of the director of business graduate programs. May not be taken for credit by students who have taken ACCT 408. Three hours per week.

## Anthropology

400. INDIVIDUAL DIRECTED STUDY 3 hours credit Advanced study in an area of anthropology through intensive literature and/or field research. May be repeated once under different subtitles. May not be taken by students who have completed SOCI 416 with an anthropological topic. Prerequisite: ANTH 212 or SOCI 212.

450. COMPARATIVE CULTURES Cross-cultural survey of primitive societies with emphasis on human social differences and their meaning. Examples drawn from Africa, Asia, North and South America and Oceania. Focus on cultural diversity with reference to varying marital, religious, economic, family and social problems. May not be taken by students who have completed SOCI 452. Prerequisite: ANTH 212 or SOCI 212. Three hours per week.

459. SEMINAR IN ANTHROPOLOGY 3 hours credit Review of current research and publication in the four subdisciplines of anthropology (cultural anthropology, physical anthropology, linquistic anthropology, archaeology/prehistory). May not be taken by students who have completed SOCI 459. Prerequisite: ANTH 212 or SOCI 212. Three hours per

490. INDEPENDENT STUDY Variable 1-3 hours credit A course to provide directed study in one or a combination of studio disciplines. May be repeated once under a different subtitle. Students must furnish their own materials. Prerequisite: Approval of the department chair prior to registration.

500. SEMINAR: ISSUES IN ART 3 hours cred Discussions and research concerning timely topics in art, ir cluding direct student participation and faculty lectures. Topic may vary from semester to semester. May be repeated onc for degree credit under different course subtitle. Prerequ site: Consent of instructor. Four hours per week.

NOTE: See Education Department listings for the course, Ar Education (EDUC 495).

### Biology

401. WETLANDS ECOLOGY 3 hours credi Study of brackish and freshwater tidal and non-tidal wetland of the region with emphasis on basic environmental parame ters and identification of plant species. Exploration of ecolog ical and physiological adaptations of wetland plants to their environment, as well as the ecological value and impact o disturbances to wetland systems. Prerequisite: BIOL 225 Three hours lecture and three hours laboratory per week.

410. ESTUARINE BIOLOGY 3 hours credi This course is a general study of estuarine biology with a focus on the Chesapeake Bay. The biota found there, its unique biology and current perturbations due to environmenta pollution will be covered in detail. A brief introduction to phys ical and chemical processes of estuaries is also included Prerequisites: BIOL 121, BIOL 122 (BIOL 321 is strongly recommended). Two hours lecture and two hours laboratory per week.

415, 416. RESEARCH IN BIOLOGY 3 hours credit each Independent study in which students conduct their own research projects under the supervision of a member of the faculty. Prerequisite: Approval of project by supervisor. Normally reserved for advanced undergraduates and graduates One hour of formal instruction each week and two additional hours to be arranged individually.

418, 419. BIOLOGY SEMINAR 1 hour credit each Discussions concerning timely topics in biology and related fields. Includes direct student participation and faculty lectures. Prerequisite: Consent of the instructor. One hour per

422. VERTEBRATE PHYSIOLOGY 4 hours credit Study of physiological processes of vertebrate animals including specific adaptations of certain species to their environment. Prerequisites: BIOL 122 and CHEM 121. Three hours lecture and three hours laboratory per week.

430. PLANT PHYSIOLOGY 4 hours credit Advanced study of the physiological mechanisms utilized by plants with special reference to higher phyla. Prerequisite: BIOL 121. A minimum of eight hours of chemistry is highly recommended. Three hours lecture and three hours laboratory per week. (Available for either graduate or undergraduate credits.)

435. CYTOLOGY 3 hours credit A discussion of the structure and function of the cell and its components. Laboratory work is based on light microscopy and electron microscopy. Prerequisites: BIOL 101 or BIOL 121 and BIOL 122, and completion of the biology core program or equivalent. Two hours lecture and three hours laboratory per week.

440. CONTEMPORARY GENETICS 3 hours credit A lecture course for advanced undergraduates dealing with the "new genetics" techniques giving rise to the biochemical manipulations of genetic traits through the use of restrictive nucleases, gene cloning, transformation and directed genetic engineering. Prerequisite: Consent of instructor. Three hours per week.

3 hours credit Study of structure, replication and pathogenesis of viruses with emphasis on animal viruses and the role of viruses in our current understanding of cell and molecular biology. Three hours lecture per week.

490. SPECIAL TOPICS

IN BIOLOGY Variable 1-3 hours credit A study of a specific area of biological science. The topics will vary from semester to semester. This course may be taken twice, under different course subtitles recorded with the registrar. Prerequisites: BIOL 101 or BIOL 121 and BIOL 122, and approval of the instructor.

501. MODERN CONCEPTS IN BIOLOGY 3 hours credit A study of the most recent developments in biology, with special emphasis on genetics, animal behavior and sociobiology. This course may be taken twice, under different course subtitles recorded with the registrar. Prerequisites: BIOL 101 or BIOL 121 and BIOL 122, and completion of the biology core program or equivalent. Three hours lecture per week.

502. BIOLOGY AND ENVIRONMENT 3 hours credit A study of organisms as integral parts of their environments, including field studies involving applications of environmental principles. Prerequisites: BIOL 101 or BIOL 121 and BIOL 122, and completion of the biology core program or equivalent. Two hours lecture and two hours laboratory per week.

503. CONTEMPORARY CELL BIOLOGY 3 hours credit An intensive study of the latest findings in cell biology, with application to the pressing problems of today. Prerequisite: At least one year of chemistry. Three hours lecture per week.

504. PERSPECTIVES IN MODERN

3 hours credit Intensive study of modern genetics for the advanced student. Findings in molecular, cellular and developmental genetics will be related to classical genetic theory and current problems. Prerequisite: At least one year of chemistry. Three hours lecture per week.

552. ADVANCED HUMAN PHYSIOLOGY 3 hours credit In-depth study of the physiology and associated anatomic structures of human organ systems. Topics include the cell and the nervous, muscular, circulatory, endocrine, digestive and excretory systems, with separate attention to temperature regulation. Prerequisite: B.S. in biology, health related field or education with biology emphasis. Three hours lecture per

## **Business Administration**

510. GRADUATE SURVEY OF ACCOUNTING

3 hours credit An introduction to the principles of accounting for proprietorships, partnerships and corporations. Surveys current financial accounting principles, the accounting cycle and financial statements. Prerequisite: Provisional status in M.B.A. program. Three hours per week.

#### 520. GRADUATE SURVEY OF ECONOMICS

3 hours credit

An introduction to macro- and micro-economic principles. Examines the constraints and choices imposed on the firm by resource limitations, technology, the domestic and international competitive environments, the growth and stability of aggregate income and a wide range of public policies. The rationale for policies to modify or augment private production and spending decisions will be considered. (M.B.A. leveling course.) Prerequisites: Provisional status in M.B.A. program and MATH 150, MATH 151, COSC 110 and ISMN 111; or equivalents. Three hours per week.

530. GRADUATE SURVEY

OF QUANTITATIVE ANALYSIS 3 hours credit Introduction to decision-making tools and techniques for making operational, administrative and upper management-level decisions. Mathematical and statistical models will be applied to managerial decision-making situations. Prerequisites: Provisional status in M.B.A. program and MATH 150; COSC 110 and ISMN 111; or equivalents. Three hours per week.

535. HEALTH CARE FINANCE 3 hours credit An introduction to financial management in the health care environment. Designed for nurse/managers, this course covers financial accounting and analysis, financial management (including the mathematics of finance), cost accounting, budgeting, control systems, forecasting, working capital management and third party reimbursements. Three hours per

540. GRADUATE SURVEY OF FINANCE 3 hours credit A comprehensive course in modern financial management. Includes financial theories, working capital management, capital acquisition, international finance, mergers and acquisitions, bankruptcy and reorganization and leasing. (M.B.A. leveling course.) Prerequisites: Provisional status in M.B.A. program and BUAD 510, BUAD 520, BUAD 530 or equivalent. Three hours per week.

#### 550. GRADUATE SURVEY OF MANAGEMENT

3 hours credit

A study of the interrelationship of various management functions: principles of general management, production management, management information systems and management of international operations. Introduces various schools of management, modern organizational theories and the elements of decision-making. (M.B.A. leveling course.) Prerequisite: Provisional status in M.B.A. program. Three hours per week.

#### 560. GRADUATE SURVEY OF MARKETING

3 hours credit

An examination of markets and marketing functions responding to a dynamic environment. An overview of domestic and international marketing functions and institutions adapting to social, economic, legal and technical change. Special emphasis will be placed on the ramifications of consumerism and regulation of marketing activities. (M.B.A. leveling course.) Prerequisite: Provisional status in M.B.A. program. Three hours per week.

615. RESEARCH METHODOLOGY Designed to develop techniques and methods for research. Includes identifying and defining managerial problems, reviewing the literature and stating problems in terms of testable hypotheses and methods of testing hypotheses. A major research paper is required. Prerequisite: Admission to M.B.A. program. Three hours per week.

620. ORGANIZATIONAL THEORY 3 hours credit A development of a framework for understanding the modern business enterprise. Includes a review of management thought and organizational theory, the functions of management and recent trends in management theory and practice in the U.S. and abroad. The contributions of behavioral science, management science, systems theory, contingency theory and other relevant theories are examined. **Prerequisite:** Admission to M.B.A. program. **Three hours per week.** 

#### 625. ORGANIZATIONAL BEHAVIOR

SEMINAR 3 hours credit
A study of individual and group behavior in organizational
structures to understand the interaction of managers with
other members of the organization. Prerequisite: Admission
to M.B.A. program. Three hours per week.

#### 630. ECONOMIC ENVIRONMENT

OF THE ORGANIZATION 3 hours credit Analysis of factors which determine aggregate production, income and employment. Evaluation of fiscal, monetary and income policies. Review of forecasting techniques. Prerequisite: Admission to M.B.A. program. Three hours per week.

#### 635. EXTERNAL ENVIRONMENT

OF THE ORGANIZATION 3 hours credit A study of the environmental forces which influence the organization. Includes identification and measurement of external forces and effects on management decisions. Prerequisite: Admission to M.B.A. program. Three hours per week.

640. MANAGERIAL ACCOUNTING 3 hours credit
The study of the use by management of accounting information for planning and control. Includes budgeting, cash-flow
analysis, cost behavior concepts, strategic planning and financial reporting. Prerequisite: Admission to M.B.A. program.
Three hours per week.

#### 650. CORPORATE FINANCIAL

MANAGEMENT

A review of financial theory and techniques. Topics include capital acquisition, working capital management, use of the capital asset pricing model, capital budgeting and international corporate finance. Prerequisite: Admission to M.B.A. program. Three hours per week.

#### 655. INFORMATION SYSTEMS

FOR MANAGEMENT DECISIONS 3 hours credit Computerized management tools for decision-making are emphasized. Design and use of data processing systems, transaction processing systems and decision support systems are discussed. Microcomputer applications include database management, spread sheets, statistical and word processing packages. Prerequisite: Admission to M.B.A program. Three hours per week.

660. MARKETING STRATEGY 3 hours credit A study of classic and contemporary marketing strategies for both profit and nonprofit organizations. Considers the organizational-environmental interface as a shaping factor in planning and implementing the marketing mix. Emphasis will be placed on planning in dynamic domestic and international environments. Prerequisite: Admission to M.B.A. program. Three hours per week.

#### 661. CONSUMER AND BUYER

BEHAVIOR

3 hours credit
This course studies the process of customer decision-making,
consumption and post-consumption activities. Both internal
and external influences on those processes are examined to
provide an overall foundation of buyer behavior. Prerequisite:
Admission to M.B.A. program. Three hours per week.

662. PROMOTIONAL STRATEGY 3 hours credit
This course examines the development of promotional
strategy. Advertising, sales promotion, personal selling and
publicity are explored. Emphasis will be on planning, designing
and implementing promotional strategies. Prerequisite: Admission to M.B.A. program. Three hours per week.

665. ENTREPRENEURSHIP 3 hours credit Analyzes organized and systematic entrepreneurship in new enterprises, established large enterprises and non-business institutions. Emphasis is on applying concepts and techniques from the functional areas of business to the new venture development environment in independent and corporate settings. Prerequisite: Admission to M.B.A. program. Three hours per week.

670. MANAGEMENT SCIENCE MODELS 3 hours credit The study of rational decision-making in a computer-assisted environment. Topics include decision theory, linear programming, distribution models, inventory models and project management. Prerequisite: Admission to M.B.A. program. Three hours per week.

#### 680. CORPORATE STRATEGIC PLANNING

AND POLICY

3 hours credit
As the capstone course of the program, this course focuses
on critical issues affecting the success of the total enterprise
in domestic and multinational environments. Emphasis is on
the functions, responsibilities and ethical values of top managers as they determine the direction of the organization and
shape its future. Strategy is the unifying theme in case discussions. Prerequisite: Completion of 12 semester hours at the
600 level in SSU's M.B.A. program, including either BUAD
640 or BUAD 650. Three hours per week.

#### 685. INTERNATIONAL BUSINESS

SEMINAR

3 hours credit
Study of the international aspects of business management
and the environment of international business. Topics include
the economics of international trade, international finance,
cultural factors, and the major aspects of business operations
in the foreign environment. Prerequisite: Admission to M.B.A.
program. Three hours per week.

#### 699. SPECIAL TOPICS

IN BUSINESS Variable 1-3 hours credit Study of specific problems and issues in business administration. May be taken twice under different subtitles recorded with the registrar. Prerequisite: Admission to M.B.A. program. One to three hours per week.

## Chemistry

(See Physical Sciences, p. 46)

#### **Communication Arts**

#### 400. COMMUNICATION AND

CULTURE 3 hours credit
Philosophy and theories of human communication: structures,
relations and interactions between forms of communication
within their cultural settings. Three hours per week.

## 450. SPEECH CORRECTION AND THE CLASSROOM TEACHER

CLASSROOM TEACHER 3 hours credit
A study of childhood speech and hearing disorders and
methods for the classroom teacher in effectively dealing with
student referral, the promotion of good speech habits and
therapeutic reinforcement. Three hours per week.

#### 452. DEVELOPMENT DISABILITIES IN SPEECH

AND LANGUAGE ACQUISITION 3 hours credit A study of speech and language development and perceptual disorders which affect language comprehension and use. Communication problems resulting from the delay, breakdown or misuse of language function will be considered. Three hours per week.

453. CREATIVE DRAMATICS 3 hours credit Emphasis is placed on the manner in which creative dramatics assist the growth of the child. The course considers creative dramatics as a motivating factor in the teaching and learning process. Three hours per week.

#### 490. SPECIAL TOPICS

IN COMMUNICATION Variable 1-3 hours credit Intensive study of a selected topic in speech, communication studies or theatre. This course may be taken twice, under different course subtitles recorded with the registrar. Pre-requisite: Consent of instructor.

#### 500. ORAL READING AND THE TEACHING

OF LITERATURE 3 hours credit
Designed to lead the student to an awareness of literature
through the performing self to reinforce the concept that one's
physiological and psychological processes are bound together
in the act of understanding what stories and poems mean.
Three hours per week.

#### 510. SEMINAR IN INTERPERSONAL

COMMUNICATION 3 hours credit
The investigation of speech-communication from the point of
view of conflict, manipulation, barriers and breakdowns; factors which undermine human potential for optimum reciprocal
social intercourse. Three hours per week.

645. ORGANIZATIONAL COMMUNICATION 3 hours credit A course designed to improve a manager's effectiveness in communicating on both an interpersonal and systems level. Topics include dissemination of information, writing style and format. Includes theories and models in communication. Emphasis is on solving business communication problems. Prerequisite: Admission to M.B.A program. Three hours per week.

## **Computer Science**

#### 410. DATA BASE MANAGEMENT

SYSTEMS

3 hours credit
Study of the design, implementation and application of Data
Base Management Systems. Several commercially available
systems will be examined. Prerequisite: Experience with filedesign concepts ( COSC 220 or COSC 310). Three hours
per week.

#### 420. DATA STRUCTURES AND

ALGORITHM ANALYSIS 3 hours credit Study of alternative implementations of abstract data types. Analyses of space requirements and run-time efficiency. Prerequisites: COSC 220, MATH 210. Three hours per week.

#### 422. ORGANIZATION OF PROGRAMMING

LANGUAGES

3 hours credit
The organization of programming languages with emphasis
on their formal specifications and on the run-time behavior of
programs. Prerequisite: COSC 350. Three hours per week.

450. SOFTWARE SYSTEMS II 3 hours credit Analysis of the operating system, the program which supervises the activity of the computer, Resource allocation will be emphasized. Three hours per week.

490. SPECIAL TOPICS

3 hours credit
For the student who wishes to study in certain specialized
areas such as functional analysis, multivariate statistics or
artificial intelligence. This course may be taken twice, under

different course subtitles recorded with the registrar. Prerequisite: For most topics, COSC 350. Three hours per week.

501. COMPUTER SCIENCE FOR MATH

AND SCIENCE TEACHERS 3 hours credit
Study of microcomputers, advanced programming concepts
and other topics appropriate to secondary school teachers of
mathematics and science. Prerequisites: Ability to design
and write clear programs; COSC 120.

#### Education

#### 407. APPLIED AUDIO-VISUAL METHODS

to the curriculum. Three hours per week.

IN TEACHING

3 hours credit
A survey of instruction technology, media and methods. The
identification and critique of concepts, principles and issues
regarding the application of instruction technology and media

408. CHILDREN'S LITERATURE 3 hours credit A study of the works of important writers and artists in each of the major types of children's books (fairy tales, picture books, realistic fiction, fantasies, biographies, etc.). Historical trends and methods of incorporating children's literature into the elementary program are included. Three hours per week.

409. LITERATURE FOR ADOLESCENTS 3 hours credit A study of literature written specifically for and about the contemporary adolescent, with emphasis on methods of teaching aspects of it to build adolescent appreciation for the more established literary selections found in secondary school curriculum. Prerequisites: At least three courses in literature beyond ENGL 102 and admission to Professional Teacher Education Program. Three hours per week.

## 412. CURRICULUM AND METHODS IN ELEMENTARY SCHOOL

PHYSICAL EDUCATION 3 hours credit Principles of curriculum construction, selection and organization of materials. Lesson planning and teaching methods. Survey of current trends. Three hours per week.

### 414. PRODUCING GRAPHIC MATERIALS

IN EDUCATION 3 hours credit Identification of basic principles and procedures used in planning and producing graphic instructional materials. Appropriate activities also provided to integrate media techniques into participants' professional skills. Three hours per week.

## 415. USING PHOTOGRAPHY IN EDUCATION

Emphasis on increasing competencies in the development of photographic instructional materials. Students will identify basic principles and practices of photography and become involved in activities that apply photographic technique to instructional material development. Three hours per week.

## 416. FILM MAKING IN EDUCATIONAL SETTINGS

SETTINGS

3 hours credit
This course is designed to foster film-making skills in school
situations. Students work in teams in planning and producing
super 8mm films. Emphasis given to animation, live-action
and montage techniques. Three hours per week.

## 419. TEACHING MUSIC IN THE ELEMENTARY SCHOOL

3 hours credit

3 hours credit

Techniques for teaching music in the elementary school: study

of the child voice; appropriate singing, listening, rhythmic, instrumental and creative activities; remedial work for poor singers; activities for musically talented children; comprehensive overview of music materials and their application to the elementary school curriculum. **Prerequisites:** Admission to Professional Teacher Education Program and MUSC 200 (or equivalent, or approval of instructor). **Three hours per week.** 

#### 420. FOUNDATIONS OF READING

(Elementary Education) 3 hours credit
Deals with pre-reading skills, beginning reading, informal assessment, analysis of reading programs, grouping procedures, word attack skills and development of vocabulary and
comprehension abilities. Intended for personnel in elementary
education. Prerequisite: Admission to Professional Teacher
Education Program. Three hours per week.

#### 422. FOUNDATIONS OF READING

(Middle and Secondary Level) 3 hours credit Includes analysis of the reading process, assessment of content materials, reading in content areas, word attack skills, vocabulary and comprehension development, corrective reading and study strategies. Intended for personnel in middle, junior and senior high schools. Three hours per week.

## 425. TEACHING READING COMPREHENSION: RESEARCH/INSTRUCTION 3 hours credit

This course, an elective in reading education, investigates contemporary research relating to the development of reading comprehension, procedures assessing reading comprehension competencies and teaching strategies for improving comprehension proficiency. Designed for elementary or middle school reading and resource teachers. **Prerequisites**: Admission to Professional Teacher Education Program and either EDUC 316, EDUC 420 or EDUC 422. **Three hours per week**.

## 427. CLASSROOM ANALYSIS AND CORRECTION OF READING DIFFICULTIES 3 hours credit

Includes causes and prevention of reading disabilities, strategies for the collection and analysis of reading behavior and instruction programs for correction. Intended for teachers interested in reading disabilities, but who do not wish to specialize in reading education. Prerequisite: EDUC 316, EDUC 420 or EDUC 422. Three hours per week.

#### 429. TEACHING MUSIC IN THE

SECONDARY SCHOOL 3 hours credit Methods and materials for teaching music in grades 7-12. The areas of emphasis are vocal, instrumental and general music. Prerequisites: MUSC 200 and admission to Professional Teacher Education Program. Three hours per week.

435. GUIDANCE 3 hours credit A basic course in the principles of guidance and related pupil personnel services, including the meaning and purpose of guidance and common adjustment problems. Three hours per week.

#### 436. VOCATIONS: DEVELOPMENT AND

APPRAISAL 3 hours credit Surveys vocational choices with emphasis on developmental theory. Occupational information and the appraisal of vocational interests are emphasized. Three hours per week.

#### 437. MATERIALS AND METHODS

IN CAREER EDUCATION 3 hours credit
Rationale for and methods of career education in elementary
and secondary schools. Emphasis is given to the psychological and philosophical bases, identification of researchable
problems, implications and implementation of careers curricula. Three hours per week.

#### 438. PRODUCING SLIDE-TAPE PROGRAMS

IN EDUCATIONAL SETTINGS 3 hours credit
This course is designed to foster slide-tape production skills
in school situations. Students work individually in planning
and producing slide-tape shows. Emphasis given to single
and multi-image techniques. Three hours per week.

#### 439. SINGLE CAMERA VIDEOTAPING

IN EDUCATIONAL SETTINGS 3 hours credit This course is designed to foster TV/VCR production skills in school situations. Students work in teams in planning and producing videotapes. Emphasis given to portable single camera equipment. Three hours per week.

#### 440. INTRODUCTION TO EARLY

CHILDHOOD EDUCATION 3 hours credit Introduction to curriculum and methods in early childhood education, including theories, practices, techniques and materials. Prerequisite: EDUC 300. Field experience required. Three hours per week.

#### 441. EARLY CHILDHOOD EDUCATION

INTEGRATED CURRICULUM I 3 hours credit Materials and methods for teaching language arts to kindergarten and pre-kindergarten-level children. Emphasis on curriculum planning, use of space, class management and lesson planning. Attention to art, music, nutrition, safety, health education, motor activities and positive teacher-parent relations. Prerequisite: EDUC 440. Three hours per week.

#### 442. EARLY CHILDHOOD EDUCATION

INTEGRATED CURRICULUM II 3 hours credit Materials and methods for teaching science, social studies and math readiness to kindergarten and pre-kindergarten-level children. Emphasis on curriculum planning, room design, class management and lesson planning. Attention to management, professional development, curriculum development roles and field trip planning Prerequisite: EDUC 440. Three hours per week.

#### 449. MULTI CAMERA VIDEOTAPING

IN EDUCATIONAL SETTINGS 3 hours credit
An introduction to the fundamentals of videotaping in a multicamera environment. Hands-on experience in planning and
producing videotapes in educational settings. Three hours
per week.

#### 454. COMPOSITION: CURRICULUM AND

METHODS

An investigation of: (1) selected public school composition curricula and (2) a number of methodologies for teaching composition. Participants evaluate curricula and methodologies on criteria developed from: (1) current literature on the writing process and (2) continuing association with public schools by the SSU School of Education and Professional Studies. Prerequisite: At least one course in composition beyond ENGL 101. Three hours per week.

455. BASIC WRITING INSTRUCTION 3 hours credit This course, primarily for teachers of basic writing, focuses on the study of grammatical and compositional problems in the writing of underprepared students. The causes of these problems and techniques for alleviating them are explored. Prerequisite: C or better in ENGL 102. Three hours per week

### 467. EDUCATING THE MILDLY

HANDICAPPED CHILD 3 hours credit
This course is designed to acquaint classroom teachers with
instructional approaches for the mildly handicapped learner.
Major topics of the course include: mainstreaming, individual
education plans, adapting instructional approaches, behavior
management, stressing early childhood, elementary and sec-

ondary levels. Intended for the regular classroom teacher and not for certification in special education. Degree credit allowed for either EDUC 467 or EDUC 480, but not for both. Prerequisite: EDUC 300 or equivalent. Three hours per week.

471. COMPUTERS IN EDUCATION 3 hours credit An overview of the role of computers in education. An examination of computer applications as they relate to specific teaching/learning operations and educational functions. Prerequisite: A teaching methods course or consent of instructor. Three hours per week.

## 472. THEORY AND PRACTICE OF TEACHING ADULTS:

AN INTRODUCTION 3 hours credit
This course is intended for students seeking information about
contemporary methods of effective adult instruction and assumes no prior knowledge about educational methods,
theories or practices. Three hours per week.

#### 475. METHODS AND MATERIALS IN ENVIRONMENTAL

EDUCATION 3 hours credit
A course designed to increase an individual's awareness of
one's immediate environment with the aim of developing a
broad philosophy of environmental education. Existing teaching methods and materials will be analyzed, and new methods
will be developed for use in interdisciplinary problem-focused
situations. Three hours per week.

#### 480. TEACHING CHILDREN

WITH SPECIAL NEEDS 3 hours credit Introductory instruction in the observation, identification and management of children, K-12, with mild to moderate learning problems. Three hours per week.

#### 481. THE HIGHLY-ABLE LEARNER:

AN INTRODUCTION 3 hours credit
Basic introduction to education of highly-able and gifted learners, with emphasis on identification and characteristics of
each group. Attention devoted to materials, teaching
strategies and curriculum used in current program models.

Prerequisite: EDUC 300. Three hours per week.

#### 485. DIAGNOSTIC-PRESCRIPTIVE

TEACHING

Designed to teach knowledge and skills in two areas: (1) diagnostic—the collection of information concerning children with special learning and behavioral needs; and (2) interventions—developing an instructional plan based upon specific assessment data. Prerequisite: EDUC 480 or PSYC 423 or equivalent. Three hours per week.

#### 490. SPECIAL PROBLEMS AND PRACTICES

IN EDUCATION Variable 1-6 hours credit Individually designed programs including: seminars; workshops; courses in curriculum development, planning and evaluation; specialized areas of study for purposes of enrichment; and in-depth study of special problems and/or professional practices in education. Prerequisite: Permission of department chair.

#### 495. SPECIAL PROBLEMS AND PRACTICES

IN ART EDUCATION

A contractual course designed for regular classroom and art teachers K-12/6/7-12. Individual programs of study in the areas of daily planning, curriculum development, seminars, workshops and project techniques. Students will furnish some materials. Recommended for senior undergraduate or graduate credit. This course may be taken twice, under different course subtitles recorded with the registrar.

### 500. HISTORICAL, PHILOSOPHICAL AND

SOCIAL FOUNDATIONS 3 hours credit
Selected topics in intellectual and educational history from
the time of ancient Greece to the present. The relation of
education to historic traditions and social trends. Three hours
per week.

## 501. COMPARATIVE EDUCATION 3 hours credit The student will develop an understanding of the comparative dynamics of educational systems in various countries. The criteria for such comparison will be developed as part of the course. Three hours per week

**502. INTRODUCTION TO RESEARCH** 3 hours credit An introduction to the methods of scientific inquiry. Students gain experience in the use of research in defining a problem and in collecting, organizing and presenting information on it. **Three hours per week.** 

# 503. CLASSROOM MANAGEMENT 3 hours credit This course will aid teachers in developing practical skills needed to manage their classes more effectively. Recent research related to effective management techniques and its application in classrooms will be considered. Appropriate management strategies will be selected, implemented and evaluated in the classroom. Three hours per week.

504. MULTICULTURAL EDUCATION 3 hours credit An examination of contemporary cultural diversity within the United States educational environments. Special attention will be given to cultural problems and issues that influence opportunity and performance in educational institutions. Human relations skills will be considered for improving success within culturally diverse populations. Prerequisite: EDUC 502. Three hours lecture per week.

#### 506. SEMINAR IN TEACHING

OF MATHEMATICS 3 hours credit Analysis of recent theory and results of research for the teaching of mathematics. Students investigate developments at either the elementary or secondary school level. Three hours per week.

#### 508. SEMINAR: RESEARCH IN HUMAN

DEVELOPMENT

A survey of research techniques and findings in the field of human growth and development. Research related to developmental characteristics of students will be considered. Prerequisite: EDUC 300 or consent of instructor. Three hours per week.

#### 510. SEMINAR: RECENT ISSUES

IN EDUCATION 3 hours credit
Analysis of selected recent issues in education for critical
study. Each student is required to survey and critically
evaluate pertinent research on at least one issue. Three
hours per week.

#### 512. SEMINAR IN THE TEACHING

OF SOCIAL STUDIES

Analysis of theory and research in the social sciences as applied to developing and teaching social studies at either the elementary or secondary school level. Three hours per week.

## 513. SEMINAR IN THE TEACHING OF SCIENCE

OF SCIENCE 3 hours credit Analysis of recent advances in the teaching of science and the development of skills in applying these to classroom teaching at the elementary or secondary school level. Three hours per week.

514. CURRICULUM CONSTRUCTION 3 hours credit A study of the factors underlying the public school curriculum and its development. Opportunities are provided for individual research in curriculum construction at either the elementary or secondary school level. Three hours per week.

#### 516. PUBLIC SCHOOL

ADMINISTRATION 3 hours credit
An analysis of the responsibilities of the school administrator,
including procedures for staff organization, in-service training,
curriculum development, scheduling, guidance and other
facets of school administration. Three hours per week.

#### 517. PUBLIC SCHOOL

SUPERVISION 3 hours credit A study of the nature, methods and techniques of public school supervision, emphasizing human relationships and other factors involved in the role of the supervisor. Prerequisite: EDUC 516. Three hours per week.

518. THE PRINCIPALSHIP 3 hours credit An examination of the role of the principal; emphasis on leadership skills, effective school climate and management, scheduling, staff development and effective teaching practices. Prerequisite: EDUC 516. Three hours per week.

## 519. THE LAW AND PUBLIC EDUCATION

A study of school law which affects the teacher and the public school. The nature and scope of school law are considered as generally applied to the purposes and functions of the school system. This course may not be taken by students who have credit for EDUC 405. Three hours per week.

3 hours credit

#### 520. THE DIAGNOSIS OF READING

DISABILITIES

3 hours credit
Designed for professional personnel seeking specialization in
clinical diagnostic techniques. Includes data collection and
analysis of reading behavior and examines various instruments and strategies for collection of data on children with
reading disabilities. Prerequisite: EDUC 420 or EDUC 422.
Three hours per week.

#### 521. THE REMEDIATION OF READING

DISABILITIES 3 hours credit
Designed for professional personnel seeking specialization in
clinical-remedial techniques. Includes transfer of diagnostic
data into teaching strategies and materials for programs of
remediation. Prerequisite: EDUC 520. Three hours per
week.

#### 522. CLINICAL PRACTICUM

IN READING

3 hours credit
Designed for professional personnel seeking advanced work
in clinical, diagnostic and remedial techniques. Includes diagnosis and remediation of children with severe reading disabilities. Emphasizes collection and analysis of test data and
development of instructional programs for the severely disabled. Prerequisite: EDUC 521. Three hours per week.

#### 523. ADVANCED SEMINAR

IN READING EDUCATION 3 hours credit
A survey of the literature in reading education dealing with
trends, needs and future directions in such topics as early
identification, diagnostic techniques, remediation, severe
reading disabilities, linguistics, learning modalities and others.

Prerequisite: EDUC 522. Three hours per week.

## 524. PRODUCTION OF MEDIATED INSTRUCTIONAL ACTIVITY PACKAGES

PACKAGES 3 hours credit
This course is designed to enable students to design and
produce mediated instructional activities; emphasis includes

individualizing and packaging those materials. **Prerequisites:** EDUC 407 or equivalent, EDUC 502 and consent of instructor. **Three hours per week.** 

### 525. ADVANCED MEDIA

PRODUCTION

A course designed to enable advanced students to design and produce high-level media productions; emphasis includes the specifics of pre-production, as well as production procedures and techniques. May be taken twice under different course subtitles recorded with the registrar. Prerequisites: A 400-level course in the area of the student's project, EDUC 502 and consent of instructor. Three hours per week.

#### 526. SEMINAR: MEDIA, TECHNOLOGY AND

INSTRUCTIONAL SYSTEMS 3 hours credit A seminar designed to: (1) acquaint students with the dynamics of media, technology and instructional systems via required outside readings and in-class discussions; and (2) involve students in an in-depth investigation of a pertinent topic selected in consultation with the instructor. Paper required. Prerequisites: EDUC 407 or equivalent, EDUC 502 and consent of instructor. Three hours per week.

**530. DIRECTED RESEARCH**Shours credit Preparation of optional research project in master's degree program, under direction of departmental supervision.

#### 532. MEASUREMENT AND

EVALUATION 3 hours credit A study of the purposes and procedures of measuring and evaluating characteristics of students (e.g., achievement), with particular emphasis on classroom decision-making in terms of instructional objectives and teacher-constructed tests. Three hours per week.

#### 535. THE ROLE OF THE SUPERVISING

TEACHER 3 hours credit
A study of recent trends in teaching and supervising student
teachers. Emphasis is given to evaluating the total teaching
learning situation and to organizing and planning the instructional program. Three hours per week.

#### 536. CREATIVITY IN EARLY CHILDHOOD

EDUCATION 3 hours credit An in-depth study of the creative process and the techniques that will promote creativity. Prerequisite: EDUC 440. Three hours per week.

#### 537. SEMINAR IN EARLY CHILDHOOD

EDUCATION 3 hours credit Critical evaluation of developments occurring in early child-hood education, as well as antecedents of modern practices. Review of pertinent research influencing shifts in ideas, practices and policies. Prerequisite: EDUC 440. Three hours per week.

#### 540. COUNSELING THEORY AND

PRACTICE

Introduction to the theories and techniques of counseling applicable to the counselor's work in the public school. Students will become familiar with current personality theories as applied to counseling. Techniques of conducting interviews are included. Prerequisite: Basic guidance course. Three hours per week.

#### 541. GUIDANCE TECHNIQUES

IN ELEMENTARY SCHOOL 3 hours credit A study of the role of the guidance specialist in the elementary school. Emphasis on current approaches to providing pupil personnel services for children from kindergarten through grade six. For teachers, supervisors and potential counselors. Prerequisite: Introductory guidance course. Three hours per week

#### 542. GUIDANCE TECHNIQUES

IN SECONDARY SCHOOL 3 hours credit A study of the role of the guidance specialist in the secondary school. Emphasis on current approaches to providing personal, educational and vocational guidance to youths in grades 7-12. For teachers, supervisors and potential counselors. Prerequisite: Introductory guidance course. Three hours per week.

#### 543. SUPERVISED PRACTICUM

IN GUIDANCE

Participation in a guidance program at the grade level of interest to the student counselor. Regular conferences with the counseling supervisor are held. Critiques of tape recorded interviews are made. Prerequisites: Teaching experience, at least nine hours of guidance related coursework including counseling theory and practice, and consent of the instructor.

#### 545. LEARNING AND INSTRUCTION

IN THE SCHOOLS

3 hours credit
The identification of classroom problems and issues related
to and involving instruction; the development and application
of strategies to aid in resolving issues and solving problems;
and the coordination of student characteristics and environmental factors to improve the quality of learning experiences
in the schools. Three hours per week.

547. MASTERY TEACHING

An exploration of various principles of instruction which have been determined to be especially effective. This course will focus on the principles of "Mastery Teaching," especially as developed and field-tested by Dr. Madeline Hunter of UCLA.

Prerequisite: EDUC 300 or equivalent. Three hour per week.

#### 584. GROUP DYNAMICS IN CLASSROOM

SETTINGS

3 hours credit
Designed to aid educators in working effectively with groups
in school settings. The laboratory method will be used to
provide experience-based learning about group processes.
Recent research on group dynamics and its application in
school settings will be considered. A major emphasis will be
placed on the acquisition of skills and strategies in developing
effective classroom groups. These skills are particularly helpful in situations where students are being mainstreamed.
Three hours per week.

590. SEMINAR IN EDUCATION

3 hours credit
A course in which topics will vary from semester to semester.
This course may be taken twice under different course subtitles recorded with the registrar. Prerequisite: Consent of instructor

#### 591. DIRECTED INDEPENDENT STUDY

Variable 1-3 hours credit
Designed to permit self-study of problems not considered in
other courses. This course may be taken twice under different
course subtitles. Prerequisites: Approval of course instructor
and department chair.

## 598. COUNSELING WITH MINORITY GROUPS

GROUPS

A seminar-workshop course designed to focus attention on philosophy and methods in dealing with the current social problems of race, religion and the disadvantaged in the public schools. Prerequisite: Teaching experience. Three hours per week.

## 615. THE LAW AND PROFESSIONAL NEGOTIATIONS

NEGOTIATIONS

A study of professional negotiations from the perspective of the teacher or other public employees in service. Materials are taken from rapidly developing labor laws in the public sector with special emphasis given to operation of the Mary-

land professional negotiations law for teachers. Prerequisite: EDUC 519. May not be taken by students who have credit for EDUC 505. Three hours per week.

### English

405. MAJOR FILM DIRECTORS 3 hours credit Intensive study of individual American and foreign *auteur* directors, singly or in groups. Focus primarily on those artists who write their own screenplays as well as direct their own films. May be repeated twice if different directors are studied. Not acceptable for General Education credit. Prerequisite: ENGL 102. Three hours per week.

411. CHAUCER (Author) 3 hours credit A study of Chaucer's major works with emphasis on *The Canterbury Tales*. General Education literature credit. Prerequisite: ENGL 102. Three hours per week.

412. MILTON (Author) 3 hours credit
A study of the sonnets, companion poems, essays and drama,
emphasis on *Paradise Lost*. General Education literature credit. Prerequisite: ENGL 102. Three hours per week.

#### 414. ELIZABETHAN AND JACOBEAN

LITERATURE (Period) 3 hours credit A study of major British literature, exclusive of Shakespeare, from 1500-1660. Authors include Sidney, Spenser, Donne and Milton. General Education literature credit. Prerequisite: ENGL 102. Three hours per week.

419. SHAKESPEARE (Author) 3 hours credit A study of the major comedies and histories with an emphasis on the tragedies. General Education literature credit. Prerequisite: ENGL 102. Three hours per week.

#### 420. RESTORATION AND 18TH CENTURY

LITERATURE (Period) 3 hours credit A study of British literature from 1660 through the 18th century. Writers usually studied are Rochester, Dryden, Defoe, Swift, Pope, Johnson, Boswell and Goldsmith. General Education literature credit. Prerequisite: ENGL 102. Three hours per week.

#### 421. ROMANTIC LITERATURE

(Period) 3 hours credit
A study of British poetry and aesthetics from the French Revolution through the first third of the 19th century. The primary readings are from Blake, Wordsworth, Coleridge, Byron, Shelley and Keats. General Education literature credit. Prerequisite: ENGL 102. Three hours per week.

### 425. VICTORIAN LITERATURE

(Period) 3 hours credit
A study of major British literature during the reign of Queen
Victoria. Writers studied may include Tennyson, Browning,
Arnold, Carlyle, Newman and Ruskin. General Education literature credit. Prerequisite: ENGL 102. Three hours per
week.

426. COLONIAL AMERICAN LITERATURE

(Period) 3 hours credit
A study of American literature prior to 1820. Writers studied
may include Bradford, Bradstreet, Taylor, Edwards, Franklin,
Irving and Cooper. General Education literature credit. Prerequisite: ENGL 102. Three hours per week.

#### 427. THE AMERICAN RENAISSANCE

(Period) 3 hours credit
A study of the Transcendental Movement and literature between 1830-1870. Emphasis on the works of Emerson,

Thoreau, Hawthorne, Melville, Whitman and Dickinson. General Education literature credit. **Prerequisite:** ENGL 102. **Three hours per week.** 

#### 428. AMERICAN SOUTHERN RENAISSANCE

1930-1970 3 hours credit
A study of fiction produced in the South between 1930-1970.
Writers may include Glasgow, Faulkner, O'Connor, Welty,
Porter, Warren, Percy, Capote, Taylor, Grau, Styron and
Young. General Education literature credit. Prerequisite:
ENGL 102. Three hours per week.

430. PRINCIPLES OF LINGUISTICS 3 hours credit Study of the components, processes and complexities of human language. Topics include: phonology, morphology, syntax, language acquisition, writing systems, language attitudes, language processing and non-human language. Not acceptable for General Education credit. Prerequisite: ENGL 110 or permission of instructor. Three hours per week.

#### 431. A SURVEY OF MODERN

GRAMMARS

A historical approach to the descriptions of language: the traditional, the structural, the transformational and the tagmemic. Not acceptable for General Education credit. Prerequisite: ENGL 102. Three hours per week.

433. LANGUAGE AND CULTURE 3 hours credit
A linguistic approach to the peculiar relationship between a
language and the cultural total of which the language is a
part. Educational, political and economic implications. Not acceptable for General Education credit. Prerequisite: ENGL
102. Three hours per week.

435. VARIETIES IN LANGUAGE 3 hours credit Examines dialect variations according to gender, age, geography, ethnicity, socio-economic class and level of education. Emphasizes oral and written communication and problems caused by dialect variations. Not acceptable for General Education credit. Prerequisite: ENGL 110 or consent of instructor. Three hours per week.

#### 437. HISTORY OF THE ENGLISH

LANGUAGE 3 hours credit
The development of modern English: the internal changes in
pronunciation, structure, vocabulary and usage with reference
to the external history. Not acceptable for General Education
credit. Prerequisite: ENGL 110 or consent of instructor.
Three hours per week.

#### 439. SECOND LANGUAGE/DIALECT

LEARNING

3 hours credit
Approaches to second language and dialect learning; teaching
English to speakers of other languages; the question of standard English as a second dialect. Not acceptable for General
Education credit. Prerequisite: ENGL 110 or ENGL 431 or
consent of instructor. Three hours per week.

#### 442. PRACTICUM IN ENGLISH

Variable 1-3 hours credit
Under close supervision of a master teacher, an advanced
student in an English option interns as a teaching assistant
in a lower-division course in that option. Prerequisites: Nine
hours of graduate coursework and approval of the director of
the English graduate program. Variable hours per week.

#### 448. LITERATURE OF THE THIRD

WORLD 3 hours credit
Study of Third World literature and ways it resembles and
differs from Western literature in matters of theme, style or
content. May include authors such as Fuentes, Garcia
Marquez, Paton, Head, Achebe, Thiong'o, Hulme. General
Education literature credit. Prerequisite: ENGL 102. Three
hours per week.

#### 449. ETHNIC LITERATURE

IN AMERICA

Shours credit
Explorations of the literatures constituting America's ethnic
cultures. Includes literature of Native Americans, AfricanAmericans, Chicanos, Orientals and Europeans. Special emphasis on such identifiable aesthetic contexts as the Harlem
Renaissance, the Jewish/Yiddish narrative and art spawned
by the labor movement. Authors may include: Silko, N. Scott
Momaday, Langston Hughes, Ralph Ellison, Toni Morrison,
Josue A. Gonzalez, Jose Garcia Villa, Chin Lee, Toshio Mori,
I.B. Singer, Henry Roth, Bernard Malamud. Prerequisite:
ENGL 102. Three hours per week.

#### 450. PHILOSOPHICAL CONCEPTS

IN LITERATURE

An examination of a philosophical theme, such as existentialism or tragedy, as reflected in literature. General Education literature credit. Prerequisites: ENGL 102 and a philosophy course or consent of instructor. Can be repeated for credit with different themes. Three hours per week.

453. MODERN POETRY (Genre) 3 hours credit
A study of British and American poetry from Yeats through
World War II. Poets include Hopkins, Yeats, Eliot, Pound,
Frost, Williams, Robinson, Crane, Stevens, Auden and Dylan
Thomas. General Education literature credit. Prerequisite:
ENGL 102. Three hours per week.

#### 457. AMERICAN NOVEL I

(Genre) 3 hours credit
A study of major American novels through World War I. Writers
studied may include Hawthorne, Crane, Melville, James and
Twain. General Education literature credit. Prerequisite:
ENGL 102. Three hours per week.

#### 458. AMERICAN NOVEL II

(Genre) 3 hours credit
A study of major American novels between World War I and
World War II. Writers studied may include Fitzgerald, Hemingway, Steinbeck, Faulkner and Lewis. General Education literature credit. Prerequisite: ENGL 102. Three hours per
week.

#### 459. CONTEMPORARY LITERATURE

(Period) 3 hours credit
A study of selected literature from 1945 to the present. General
Education literature credit. Prerequisite: ENGL 102. Three
hours per week.

- 460. BRITISH NOVEL I (Genre) 3 hours credit A study of the British novel through the 18th century. Novelists studied include Defoe, Richardson, Fielding, Sterne, Smollet and Austen. General Education literature credit. Prerequisite: ENGL 102. Three hours per week.
- 462. BRITISH NOVEL II (Genre) 3 hours credit A study of the British novel of the 19th and early 20th centuries, with works chosen from the writings of Austen, Dickens, Thackeray, Trollope, Hardy, Conrad, D.H. Lawrence and Virginia Woolf. General Education literature credit. Prerequisite: ENGL 102. Three hours per week.
- 463. LITERARY ANALYSIS

  3 hours credit
  Analytical approaches to literature designed to teach teachers
  and prospective teachers the traditional, formal, psychological, mythological and exponential analyses of narrative fiction,
  drama and poetry as applied to the various genres. General
  Education literature credit. Prerequisite: ENGL 102. Three
  hours per week.
- 465. RESEARCH IN COMPOSITION 3 hours credit Explores current theories and research on writing process and product. Topics include: definitions of writing; rhetorical contexts; heuristics for prewriting, writing and rewriting; ques-

tions of arrangement, style, grammar, mechanics and assessment. Not acceptable for General Education credit. **Pre-requisite:** C or better in ENGL 102. **Three hours per week.** 

## 466. CURRENT PROBLEMS IN COMPOSITION RESEARCH 3 hours credit

Applies theoretical concepts from ENGL 465 to current issues in composition and rhetoric research (such as basic writing, methods of responding to student writing and audience adaptation). Emphasizes modes of research for continuing investigation of these issues. **Prerequisite:** ENGL 465 or approval of the professor. **Three hours per week.** 

#### 470. HISTORY OF RHETORIC

IN INSTRUCTION 3 hours credit
Studies how changing views of rhetoric influence the development of composition instruction in English departments. Not
acceptable for General Education credit. Prerequisite: ENGL
102. Three hours per week.

47I. TEACHING CREATIVE WRITING

3 hours credit
Reading and analyses of contemporary poetry and prose,
writing of poetry and prose, developing of critical faculties in
a workshop format, and developing and discussing of teaching
methods. Intended for teachers and education majors. Not
acceptable for General Education credit. Three hours per
week.

## 490. TOPICS IN ENGLISH 3 hours credit Intensive study of a literary genre, figure or period; or inten-

sive study in language, writing or film. May be repeated for credit in different areas of study. Literature courses bear General Education credit. Prerequisite: ENGL 102 or consent of instructor. Three hours per week

## 500. SEMINAR IN MAJOR AMERICAN WRITERS OF THE 19TH CENTURY 3 hours of

A study of selected topics in American literature of the 19th century. This course will concern itself with one or more authors, genres or literary themes. It may be repeated under different course subtitles recorded with the registrar. Three hours per week.

### 501. SEMINAR IN MAJOR AMERICAN WRITERS

OF THE 20TH CENTURY

3 hours credit
A study of selected topics in American literature of the 20th
century (up to 1945). This course will concern itself with one
or more authors, genres or literary themes. It may be repeated
under different course subtitles recorded with the registrar.
Three hour per week.

#### 502. SEMINAR IN ENGLISH

A study of selected topics in English literature from the beginnings to 1660. This course will concern itself with one or more authors, genres or literary themes. It may be repeated under different course subtitles recorded with the registrar. Three hours per week.

#### 503. SEMINAR IN ENGLISH LITERATURE II

A study of selected topics in English literature from the Restoration, 18th century and Romantic period. This course will concern itself with one or more major authors, genres or literary themes. It may be repeated under different course subtitles recorded with the registrar. **Three hours per week.** 

3 hours credit

#### 504. SEMINAR IN ENGLISH

A study in selected topics in English literature of the Victorian and modern periods (up to 1945). This course will concern itself with one or more major authors, genres or literary themes. It may be repeated under different course subtitles recorded with the registrar. Three hours per week.

- 508. CONTEMPORARY LITERATURE 3 hours credit A study of selected topics in contemporary British and American literature (after 1945). This course will concern itself with one or more major authors, genres or literary themes. It may be repeated under different course subtitles recorded with the registrar. Three hours per week.
- 509. SEMINAR IN LANGUAGE STUDY 3 hours credit A study of selected topics in language and linguistics. The course focuses in different semesters on such topics as the new English, descriptive or historical linguistics, morphologysyntax, or phonetics and phonemics, teaching standard English to speakers of other languages or to speakers of other dialects. This course may be repeated under different course subtitles recorded with the registrar. Prerequisite: ENGL 110 or ENGL 431 or consent of instructor. Three hours per week.

## 510. SEMINAR IN LITERATURE: SPECIAL TOPICS

SPECIAL TOPICS

3 hours credit
This course will examine topics in English and American literature which cross traditional, chronological, national or ontological boundaries. It may be repeated under different
course subtitles recorded with the registrar. Three hours per
week.

**514. WRITING PROGRAM ISSUES**3 hours credit Explores successful writing programs particularly at the college level and their connections to research/theory in composition. Requires students to evaluate and propose guidelines for composition study and instruction.

#### 515. MARYLAND WRITING PROJECT

SUMMER INSTITUTE 6 hours credit Explores current theories about the composing process and their implications for teaching writing and using writing to teach other content areas. Focuses on adapting and evaluating classroom activities for different grade levels and educational settings.

**530. DIRECTED RESEARCH**Preparation of optional research project in master's degree program under department supervision.

531. THESIS

3 hours credit

#### French

## 401. ADVANCED COMPOSITION AND MORPHOLOGY

AND MORPHOLOGY 3 hours credit A course designed to bring together, on an intense advanced level, all the principles of morphology, syntax, sentence development and sentence structure through translation and advanced composition. Three hours per week.

- 402. ADVANCED CONVERSATION 3 hours credit A course designed to provide greater flexibility in the spoken language by intense oral practice to correct the defects of pronunciation and diction. Prerequisite: Consent of department chair. Three hours per week.
- 405. SPECIAL PROBLEMS IN FRENCH 3 hours credit Individual study of special areas in French linguistics or in French literature with the advice and direction from a member of the department. Three hours per week.

## 411. MEDIEVAL AND RENAISSANCE THOUGHT IN FRENCH LITERATURE 3 hours credit

A study of the major phenomena of French literary history from its dawning in 843 to the negative implication in the term "Dark Ages," through to the optimism of the early Renaissance in Rabelais to its decline in Montaigne. Three hours per week.

#### 412. CLASSICAL PERIOD AND THE

"AGE OF REASON" 3 hours credit A study of the principal classical themes found in the works of Corneille, Racine, Moliere, La Fontaine, La Bruyere, La Rochefoucauld and Montesquieu, Voltaire, Diderot and Rousseau. Prerequisite: FREN 320 or FREN 321 or consent of department chair. Three hours per week.

#### 415 ROMANTICISM, REALISM AND

NATURALISM 3 hours credit A study of the development of romanticism from Chateaubriand to Victor Hugo as well as a detailed study of the terms "romanticism," "realism" and "naturalism" and their effect on the 19th century as seen through representative works of Stendhal, Flaubert, Balzac and Zola. Prerequisite: FREN.320 or FREN 321 or consent of department chair. Three hours per week.

#### 416. CONTEMPORARY FRENCH

LITERATURE 3 hours credit A study of contemporary ideologies and underlying currents of symbolism, surrealism, existentialism and the "nouveau roman" through representative works of Camus, Sartre, Appolinaire and Cocteau (prose and drama) and of Proust, Gide. Butor and Robbe-Grillet. Prerequisite: FREN 320 or FREN 321 or consent of department chair. Three hours per week.

## Geography and Regional Planning

404. RURAL SETTLEMENT

AND LAND USE 3 hours credit Analysis of the economic, demographic and spatial patterns of the rural United States. Special attention is given to the problems and potentialities of nonmetropolitan areas and to land use planning. Prerequisite: GEOG 203 or consent of instructor. Three hours per week.

405. URBAN GEOGRAPHY 3 hours credit An analysis of the spatial distribution of urban settlements, their internal structure and characteristics. Emphasis on the development of theoretical concepts and general principles. Special attention is given to contemporary urban problems. Prerequisite: GEOG 203 or consent of instructor. Three hours per week.

406. REGIONAL PLANNING 3 hours credit An analysis of the spatial incidence of economic growth. Emphasis on the spatial dimension as an important consideration in the theory and practice of economic development planning. Prerequisite: GEOG 203 or consent of instructor. Three hours per week.

407. INDUSTRIAL LOCATION 3 hours credit An analysis of the major factors influencing industrial location decisions and the spatial arrangement of industrial activity. Emphasis is on the development of theoretical concepts and general principles. Some attention is given to regional and city industrial development planning. Prerequisite: GEOG 203 or consent of instructor. Three hours per week.

408. URBAN PLANNING 3 hours credit An examination of theories and policies related to urban development and land use planning, along with techniques for evaluation. An assessment of the urban planning process with case studies. Prerequisite: GEOG 208 or consent of instructor. Three hours per week.

410. METEOROLOGY 3 hours credit Analysis of the physical processes and dynamics of the atmosphere, including upper atmospheric flow, forecasting and severe weather. Prerequisite: GEOG 201 or consent of instructor. Three hours per week.

411. GEOMORPHOLOGY 3 hours credit

This course deals with landform analysis. Study of agents of erosion and deposition-water, wind and ice-and of the internal forces which leave visible evidence on the earth's surface. Prerequisite: GEOL 103 or consent of instructor. Four hours per week, and four one-day and one three-day field

413. APPLIED CLIMATOLOGY 3 hours credit Analysis of the impact of climate on the physical environment and human behavior. Topics include climatic change, contemporary climatic problems and the influence of climate on agriculture, architecture and energy use. Prerequisite: GEOG 201 or consent of instructor. Three hours per week.

415. SELECTED PROBLEMS 3 hours credit Independent study designed to permit research or in-depth work on a selected topic. Specific topic will be indicated on the student's transcript. May be taken twice for credit under different subtitles recorded with the registrar. Intended for seniors with 18 or more hours in geography. Prerequisite: Consent of department review committee.

422. READINGS IN GEOGRAPHY 3 hours credit Readings designed to permit in-depth study of a selected topic. Specific topic will be indicated on the student's transcript. May be taken twice for credit under different subtitles recorded with the registrar. Intended for seniors with 18 or more hours in geography. Prerequisite: Consent of department review committee.

450. TOPICS IN GEOGRAPHY 3 hours credit An analysis of selected systematic and/or regional topics. A single theme will be considered and will be entered on the student's transcript. May be taken three times for credit under different subtitles recorded with the registrar. Prerequisite: Consent of instructor. Three hours per week.

#### 475. FIELD PROBLEMS IN GEOGRAPHY

Variable 3-6 hours credit A geographic research field experience. Development of a research proposal, data collection and analysis, and the integration of such in a formal research paper. Prerequisite: Consent of instructor.

504. SEMINAR: PHYSICAL

GEOGRAPHY 3 hours credit A seminar dealing with current problems in the areas of meteorology, climatology, soils, geomorphology and vegetation. Topics selected with consent of instructor. May be taken twice for credit under different subtitles recorded with the registrar. Prerequisite: 400-level physical geography course or consent of instructor. Three hours per week.

506. SEMINAR IN REGIONAL

GEOGRAPHY 3 hours credit An analysis of selected topics on the physical and/or human geography of specified geographic regions. The region under consideration varies from semester to semester. Topics chosen with the consent of the instructor. May be taken twice for credit under different subtitles recorded with the registrar. Prerequisite: 300-level regional geography course. Three hours per week.

530. DIRECTED RESEARCH 3 hours credit Preparation of optional research project in master's degree program under departmental direction.

#### Health

401. COMMUNITY HEALTH 3 hours credit A study of the factors involved in improving public health. including a survey of community health problems and resources, and the role of the teacher in community health. Three hours per week.

410. STRESS AND STRESS

MANAGEMENT 3 hours credit Provides students with an understanding of the nature of the stress response and the practical application of stress management techniques. Major topics include the psychophysiology of stress, the role of stress in disease, social engineering, cognitive reappraisal and relaxation training. Useful for personal growth and professional application. Prerequisites: BIOL 215, BIOL 216. (Fall Semester only) Three hours per week.

#### History

400. HISTORY OF MARYLAND 3 hours credit A study of Maryland history and government from the Colonial period to the present. The course places special stress on the leaders, institutions and contributions made in Maryland and by Maryland to the nation. Three hours per week.

401. AMERICAN DIPLOMACY 3 hours credit A historical study of the foreign relations of the United States and the resultant diplomatic negotiations from 1776 to the present. Three hours per week.

405. THE UNITED STATES IN THE 20TH CENTURY I

3 hours credit Populism to 1932. A study of the political, economic, intellectual and social problems attending America's rise to world power later in the 19th century, its involvement in World War I, the changes attending that conflict and the problems of the 1920s. Three hours per week.

406. THE UNITED STATES IN THE 20TH CENTURY II

3 hours credit F.D. Roosevelt to the present. A study of the efforts of the United States to resolve the complex problems of the 1930s intensified by the Great Depression, its involvement in World War II and struggles to maintain peace in the postwar world. Three hours per week.

407. THE WESTWARD MOVEMENT 3 hours credit A study of the Westward Movement from the Atlantic to the Trans-Allegheny and Trans-Mississippi West, with emphasis upon the influence of the frontiers in shaping American civilization. Three hours per week.

408. HISTORY OF THE SOUTH 3 hours credit A history of the South from the Colonial period to the present, covering developments in politics, economics, culture and society. Three hours per week.

409. RECENT TRENDS AND DEVELOPMENT IN LATIN AMERICA 3 hours credit An examination of the important political, economic and military changes in Latin America, particularly those of the 20th

411. PROBLEMS IN LATIN AMERICAN HISTORY

century. Three hours per week.

3 hours credit Readings, reports and discussion of historical problems of Latin American development. Three hours per week.

412. SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES I (1600-1875) 3 hours credit

(See course description of HIST 413.)

413. SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES II

(1876-present) 3 hours credit These courses are a study of American thought as reflected by the people and their leaders. The development of American heritage is covered from the Colonial period to the present, with emphasis upon the intellectual, social, religious and economic movements. The first course covers the Colonial period to Reconstruction and the second course from about 1876 to present. Three hours per week.

417. HISTORY OF SCIENCE AND **TECHNOLOGY** 

3 hours credit

A survey of the evolution of scientific achievements and technology in the Western world, with particular emphasis on the cultural, economic and social implications of these developments. Prerequisites: HIST 101, HIST 102. Three hours per week.

421. EUROPE IN THE 20TH CENTURY WORLD

3 hours credit A study of economic, social, intellectual and political development of Europe viewed in the context of world wars, depression and conflicting political ideologies, showing the decline of European dominance and the rise of America and Asia. Prerequisites: HIST 101, HIST 102. Three hours per week.

423. RUSSIA: RISE TO IMPERIAL POWER

3 hours credit A study of Russia from its Kievan origins, its medieval growth and consolidation, to the empire inherited by Nicholas I; emphasis on the social, economic and political developments. Prerequisites: HIST 101, HIST 102. Three hours per week.

424. MODERN RUSSIA 3 hours credit A survey of the growth of a modern, industrialized, bureaucratic state, from the reign of Nicholas I to the present, with emphasis on the social, economic and political forces which have shaped it today. Prerequisites: HIST 101, HIST 102. Three hours per week.

426. HISTORY OF SOUTHERN ASIA 3 hours credit A study of the Indian subcontinent and adjacent regions, their social development, the evolution of Hinduism and Buddhism, the Islamic, Mongol and British conquests, the rise of nationalism and the status of the region today. Prerequisites: HIST 101, HIST 102. Three hours per week.

430. READINGS IN HISTORY 3 hours credit A readings course in history for students who have achieved above average in at least 18 hours of history courses. This course may be taken twice under different course titles recorded with the registrar. Three hours per week.

437. HISTORY OF EUROPEAN

3 hours credit A survey of the Western intellectual tradition, beginning with its heritage from the ancient world and emphasizing the main currents of European thought from the Middle Ages to the present. Particular emphasis will be placed on the rise of a spirit of free inquiry, the development of a scientific attitude and the growth of a distinct intellectual class. Prerequisites: HIST 101, HIST 102. Three hours per week.

#### 440. MINORITY GROUPS IN UNITED STATES

HISTORY 3 hours credit
Attention is given to the role and contribution of minority groups
in general, with special emphasis on some of the larger and
older minority groups. Three hours per week.

**445. AFRICAN-AMERICAN HISTORY 3 hours credit** A study of the life and role of the African-American from the Colonial period to the present. **Three hours per week.** 

## 450. SELECTED PROBLEMS IN EUROPEAN THOUGHT AND CULTURE,

1700-1840

3 hours credit
Readings and discussion in this course will focus on intellectual currents in England, France and Germany in the 18th and early 19th centuries. Works of contemporary writers will be examined in the context of social and political developments. Prerequisites: HIST 101, HIST 102. Three hours per week.

#### 460. HISTORY OF CHINA

SINCE 1800

3 hours credit
The revolutionary transformation of China from the 19th century to the present, with emphasis on the impact of imperialism, the profound effects of western technology and foreign policy wrought by the history of its relations with the west. Prerequisites: HIST 101, HIST 102. Three hours per week.

#### 470. HISTORY OF THE EARLY

ROMAN EMPIRE 3 hours credit
An intensive study of particular institutions and movements
in Roman history. Emphasis on family history and social and
religious trends during the early imperial period of Roman
history. Prerequisites: HIST 101, HIST 102. Three hours
per week.

#### 472. STUDIES IN CLASSICAL

ARCHAEOLOGY 3 hours credit
Assorted topics and archaeological sites of the ancient
Mediterranean world (Crete, Greece and Italy) will be
examined. Course may be taken twice under different subtitles
recorded with the registrar. Prerequisites: HIST 101, HIST
102. Three hours per week.

474. HISTORY OF ANCIENT EGYPT 3 hours credit
An intensive study of three eras of Egyptian history: the
pyramid age, the chaotic middle kingdom and New Kingdom
Absolutism. Emphasis on cultural, religious and artistic contributions. Prerequisite: HIST 101. Three hours per week.

480. MUSEUM STUDIES

3 hours credit
The course is designed as a work experience which invites
students to learn techniques of museology. The student will
work in cooperation with various local or regional museums.
The learning experience will take place under the supervision
and direction of a museum curator. May be repeated once.

490. STUDIES IN HISTORY

3 hours credit
An intensive historical study of particular periods, groups,
economics, and intellectual, cultural and social movements
and/or institutions. This course may be taken twice under
different course titles recorded with the registrar.

#### 502. SEMINAR: COLONIAL AND

REVOLUTIONARY AMERICA 3 hours credit
A study of Colonial institutions and the American Revolutionary movement. Emphasis is placed upon the study of specific
topics through individual research projects. This course may
be taken twice under different course subtitles recorded with
the registrar. Three hours per week.

## 503. SEMINAR IN 19TH CENTURY

AMERICA 3 hours credit
This seminar offers an opportunity to the student to explore

in-depth 19th century American society, via themes selected by the instructor. This course may be taken twice under different course subtitles recorded with the registrar. Three hours per week.

504. SEMINAR IN EUROPEAN HISTORY 3 hours credit A seminar designed to enable the student to explore, through intensive research, basic problems in European history. The period or topics to be studied will be selected by the instructor. This course may be taken twice under different course subtitles recorded with the registrar. Three hours per week.

505. SEMINAR: MARYLAND HISTORY 3 hours credit A seminar designed to acquaint students, through readings and research, with some of the major problems and developments in the history of Maryland. This course may be taken twice under different course subtitles recorded with the registrar. Three hours per week.

#### 506. SEMINAR IN 20TH CENTURY

AMERICA 3 hours credit
A seminar enabling the student to intensively explore specific
periods and/or problems in this century through individual
research. This course may be taken twice under different
course subtitles recorded with the registrar. Three hours per
week.

#### 508. SEMINAR IN AMERICAN

DIPLOMACY
A seminar permitting students to investigate, through reading and research, selected problems in the history of American diplomacy. This course may be taken twice under different course subtitles recorded with the registrar. Three hours per week.

## 510. SEMINAR IN LATIN AMERICAN HISTORY

HISTORY 3 hours credit
An intensive study of major institutions and specific periods
in Latin America through reading and research. This course
may be taken twice under different course subtitles recorded
with the registrar. Three hours per week.

**512. READING SEMINAR**3 hours credit An extensive-intensive directed readings course on a topic selected by the instructor. It is intended to be an in-depth survey of a specific topic, as well as preparation for the written and oral examinations for the M.A. Three hours per week.

**530. DIRECTED RESEARCH**3 hours credit
Preparation of optional research project in master's degree
program under departmental supervision. Three hours per
week.

531. THESIS 3 hours credit

### **Mathematical Sciences**

**402. THEORY OF NUMBERS** 3 hours credit Basic concepts: integers, prime numbers, divisibility, congruences and residues. **Prerequisite:** MATH 201. **Three hours per week.** 

406. GEOMETRIC STRUCTURES 3 hours credit An axiomatic development of incidence, ordered incidence, affine and absolute geometries; investigation of Euclidean and non-Euclidean geometries. Prerequisite: MATH 201. Three hours per week.

413. MATHEMATICAL STATISTICS I 3 hours credit Axioms and algebra of probability, discrete and continuous random variables and their probability distributions, multivariate distributions and limit theorems. Prerequisite: MATH 310. Three hours per week.

414. MATHEMATICAL STATISTICS II 3 hours credit Methods of estimating, properties of estimators, hypothesis testing, linear models, least squares, analysis of variance, enumerative data and nonparametric statistics. Prerequisite: MATH 413. Three hours per week.

441. ABSTRACT ALGEBRA 3 hours credit An introduction to the theory of groups, rings, integral domains and fields, including basic properties of polynomials. Prerequisite: MATH 306 or MATH 310. Three hours per week.

451. ANALYSIS I 3 hours credit Modern abstract analysis including such topics as topology of the real number system, sequences, continuity and differentiability. Prerequisite: MATH 310. Three hours per week.

## 465. MATHEMATICAL MODELS AND APPLICATIONS

APPLICATIONS
3 hours credit
Mathematical basis for model building; examples of simple
models for uncomplicated systems in biology, psychology,
business and other fields, finite markov processes; models
for growth processes. Prerequisite: MATH 306. Three hours
per week.

47I. NUMERICAL ANALYSIS 3 hours credit Such topics as interpolation, functional approximation, numerical differentiation and integration, nonlinear equations, systems of linear equations and analysis of error. Prerequisites: MATH 311 and programming experience. Three hours per week.

480. HISTORY OF MATHEMATICS 3 hours credit A study of the chronological development of mathematics, with emphasis on both the mathematical concepts and the principal contributors to the development of those concepts. Prerequisite: MATH 402, MATH 406 or MATH 441. Three hours per week.

490. SPECIAL TOPICS

3 hours credit
For the student who wishes to study in certain specialized
areas such as functional analysis, multivariate statistics or
artificial intelligence. This course may be taken twice under
different course subtitles recorded with the registrar. Prerequisites: For most topics, MATH 306 and MATH 310. Three
hours per week.

#### 500. FOUNDATIONS OF NUMBER

THEORY

3 hours credit
Designed for teachers of arithmetic, with emphasis on the
development of the real number system in Elementary
Number Theory. Prerequisite: One course in college
mathematics or consent of instructor. Three hours per week.

502. APPLIED STATISTICS

3 hours credit
The use of linear models in the analysis of data, starting with
simple models and going to more complex models. Special
attention will be given to the use and abuse of these models
by researchers. Prerequisite: A course in statistics (MATH
151). Three hours per week.

506. SELECTED TOPICS

3 hours credit
Designed for students with a major in mathematics to develop
topics in mathematics not included in their undergraduate
program, or to extend areas previously studied. Specific topic
may be indicated on transcript. This course may be taken
twice under different course subtitles recorded with the registrar. Prerequisite: Approval of the department.

507. SEMINAR: ALGEBRA 3 hours credit A seminar dealing with selected topics from linear and abstract algebra. A seminar paper is required. Prerequisite: Approval of the department.

**530. DIRECTED RESEARCH**3 hours credit

Preparation of optional research project in Master of Education program under departmental supervision.

## 590. SPECIAL PROBLEMS IN MATHEMATICS

IN MATHEMATICS 3 hours credit Individually designed programs including summer workshops and special seminars. Specific topic will be indicated on transcript. This course may be taken twice under different course subtitles recorded with the registrar. Prerequisite: Consent of instructor.

#### Music

#### 400. RENAISSANCE AND BAROQUE

MUSICAL STYLES

3 hours credit
Philosophy, musical forms and styles of the period 1500-1750;
study of representative vocal and instrumental music by outstanding composers of the period. Prerequisite: MUSC 114
or approval of department chair. Three hours per week.

## 401. MUSICAL STYLES OF THE 18TH AND 19TH CENTURIES

19TH CENTURIES 3 hours credit
Philosophy, musical forms and styles of the period 1750-1900;
study of representative vocal and instrumental music by outstanding composers of the period. Prerequisite: MUSC 114
or approval of department chair. Three hours per week.

403. PIANO HISTORY AND LITERATURE 3 hours credit A comprehensive study of the piano and its predecessors; the course traces the history of keyboard instruments, emphasizing the ways in which the development of the instruments affected keyboard literature and performance practices. This course includes familiarization with the principal keyboard composers, performers and instrument makers from earliest times to the present. Prerequisite: MUSC 200, MUSC 114 or approval of instructor. Three hours per week.

#### 406. INTRODUCTION TO ELECTRONIC

MUSIC 3 hours credit
Music synthesis is approached through reading, listening,
analysis and studio experience. Prerequisite: MUSC 112 or
permission of instructor. Three hours per week.

408. MODERN MUSIC

3 hours credit
Emergence of new developments from late romantic music
through serial and electronic music, including influences of
jazz and considering the effects of social forces and current
world events. Prerequisite: MUSC 114 or equivalent. Three
hours per week.

#### 409. INTRODUCTION

TO ETHNOMUSICOLOGY 3 hours credit
The study of music of world cultures not associated with the
traditional study of Western art music, with emphasis on the
musics of Eastern Europe; the Near, Middle and Far East;
Africa; the Pacific Islands; and native America. Prerequisites:
MUSC 114 and MUSC 200 or approval of instructor. Three
hours per week.

410. CHURCH MUSIC

Designed for the practicing or potential church musician. A practical course dealing with all aspects of the church music program. Prerequisite: Approval of the instructor. Three hours per week.

411, 412. APPLIED MUSIC I AND II 3 hours credit An advanced course in performance technique using a wide variety of literature. A solo recital (alone or sharing a program with other students) encompassing music of many styles and periods is a required culmination. Students will elect one performing medium (piano, voice, organ or other instrument) and

must have completed the fourth course in the sequence for that instrument as a prerequisite. Each course may be repeated for credit once. Three hours per week and a minimum of 12 individual practice hours per week. \$150 applied fee and chair's permission.

416. AMERICAN MUSIC 3 hours credit Analysis of musical forces and styles as they reflect the nation's development and America's unique contributions to the growth of music as an art form. Prerequisite: MUSC 114 or equivalent. Three hours per week.

#### 426. ARRANGING FOR VOICES AND INSTRUMENTS

3 hours credit Fundamental techniques of scoring for various acappella and accompanied voice combinations; scoring for orchestra, band and various instrumental combinations; special characteristics of each choir of instruments; range of voices; selection of suitable literature for treatment in different ensembles, with consideration of style. Prerequisite: Theory IV (or concurrent registration with Theory IV). Three hours per week.

#### 429. MUSIC CONCEPTS FOR EARLY

CHIL DHOOD 3 hours credit Melodic and rhythmic elements within the cognitive, physical and aural capabilities of young children (nursery school through primary grades); use of simple creative application to reinforce music concepts. Prerequisite: MUSC 200 or approval of instructor. Three hours per week.

#### 430. MUSIC CONCEPTS FOR ELEMENTARY

SCHOOL 3 hours credit Development of musical skills, with emphasis on part-singing, piano accompaniments, combined rhythms, conducting skills and creative application of these skills appropriate for the elementary school. Prerequisite: MUSC 200 or consent of instructor. Three hours per week.

#### 431. MUSIC CONCEPTS IN SECONDARY

SCHOOL GENERAL MUSIC 3 hours credit Selection and application of appropriate materials and techniques to develop musical concepts, skills, knowledge, judgment and discrimination in adolescents. Prerequisite: MUSC 200 or consent of instructor. Three hours per week.

435. CHORAL LITERATURE 3 hours credit Class investigation and evaluation of choral music for all voice combinations appropriate for elementary through senior high school and adult ensembles. Three hours per week.

#### 440. MODERN MARCHING BAND:

TECHNIQUES AND MATERIALS 3 hours credit A detailed work survey of traditional marching band styles and their adaptation to current trends. Prerequisite: Approval of the instructor. Three hours per week.

441. INSTRUMENTAL LITERATURE 3 hours credit Class investigation and evaluation of new methods and materials for bands, orchestras and instrumental ensembles. Prerequisite: Approval of the instructor. Three hours per week.

450. STUDIES IN MUSIC 3 hours credit Study of a single composer, musical form, performance medium or technique or topic in music education. The topic will differ from semester to semester. This course may be taken twice under different course subtitles recorded with the registrar. Possible prerequisite(s) listed according to topic by semester. Three hours per week.

#### 490. DIRECTED INDEPENDENT STUDY

Variable 1-3 hours credit A tutorial course in any area of music open to senior and graduate students. May include continuation of a skills de-

velopment program begun in the lower-level independent

study course; or any type of individual research in music not normally included in courses offered by the department: or individual study of an area needed for teacher certification but not offered by the department in the current semester. Approval in writing of department chair and supervising faculty member prior to registration, with the area of study to be specified in writing. May be repeated for a maximum of six credits, under different course subtitles recorded with the rea-

500 20th CENTURY MUSIC 3 hours credit Analysis of the manner in which melody, rhythm, harmony, form and orchestral instruments are used by major modern composers. Political, economic and social forces and current world events are considered for their effects on music of our time. Three hours per week.

#### 505. MUSIC HISTORY AND

MUSICAL STYLE 3 hours credit The development of Western musical style is traced from early written records to the present, stressing the continuity of basic musical principles. Prerequisite: One course in music history or a stylistic period. Three hours per week.

#### 510. RECENT ISSUES AND TRENDS

IN MUSIC EDUCATION 3 hours credit Student-researched seminar presentations on pertinent current issues in general, vocal and instrumental music education. The seminar presentations will, through researching current trends, arrive at conclusions compatible with current practices in music education. Prerequisites: ELED 419 and SCED 429 or equivalent. Three hours per week.

511. ADVANCED APPLIED MUSIC 3 hours credit Individual studio instruction to provide a graduate extension to an undergraduate major performing area. May be repeated for credit, one time only. \$300 applied fee.

#### 512. ADMINISTRATION AND SUPERVISION

IN SCHOOL MUSIC 3 hours credit A course dealing with the need and purpose of supervision in music. Areas of concentration include factors affecting the learning process, curriculum building, fiscal management, evaluation and staff-community relations. Three hours per week.

#### 515. ADVANCED CHORAL

3 hours credit CONDUCTING A course designed for the practicing choral conductor. Includes techniques, stylistic interpretation, repertoire and organizational problem analysis. Prerequisite: MUSC 310 or equivalent. Five hours per week (three hours lecture and two hours laboratory).

#### 520. PHILOSOPHICAL AND PSYCHOLOGICAL PERSPECTIVES IN MUSIC

3 hours credit **EDUCATION** A review of philosophical tenets and psychological principles as applied to contemporary music education practices, including the standard and recently developed musical aptitude and achievement tests. Prerequisite: Graduate status. Three hours per week.

#### 530. DIRECTED RESEARCH IN MUSIC

3 hours credit MUSIC EDUCATION Preparation of optional research project in the M.Ed. program under the direction of departmental faculty. Weekly conference with faculty sponsor.

#### 590. DIRECTED INDEPENDENT STUDY

Variable 1-3 hours credit An individual, graduate tutorial course including research topics not covered in available courses. The written specified area of study must have written approval of the department chair and supervising faculty member prior to registration. May be repeated for a maximum of three hours credit under different course subtitles recorded with the registrar.

## Nursing

#### 415. SPECIAL TOPICS

IN NURSING Variable 1-3 hours credit Study of a selected area of nursing. Topics may vary from semester to semester. Provides opportunities for curriculum innovation or meeting the special needs or interests of undergraduate and graduate students. May be repeated for credit under different subtitles recorded with the registrar. One to three hours lecture, zero to two hours lab per week.

#### 457. CULTURAL CONSIDERATIONS

IN NURSING 2 hours credit Provides a basis for application of concepts, theories and methodologies from transcultural nursing to the practice of the health professional. Particular emphasis on the influence of culture on human response to health and illness. Two hours per week.

485. SCHOOL HEALTH 3 hours credit Current issues relevant to the health of school age children and adolescents. Topics include: roles of teachers and health professionals, current health problems and approaches to specific health problems. This course is intended for students in education and health-related professions. Prerequisite: PSYC 300, EDUC 300 or consent of instructor. Three hours per week.

490. INDEPENDENT STUDY Variable 1-3 hours credit Intensive study in a specific area of nursing agreed upon by the student and faculty member. This course may be taken twice under different course subtitles recorded with the registrar. Prerequisite: Written consent of instructor who will direct the study, chair of the department and director of the graduate program in nursing.

#### 495. DIMENSIONS OF PROFESSIONAL NURSING

3 hours credit Examines social, economic and political forces impacting health care and nursing roles in complex organizations. Provides framework for development of specialized nursing roles. Students integrate organization and role theories as leaders and change agents in a variety of health care settings. Prerequisite: Completion of semester III in the accelerated program track. Two hours lecture and six hours clinical per

515. EPIDEMIOLOGY Focuses on epidemiologic concepts and the incorporation of empirical epidemiologic data into the advanced application of the nursing process. Emphasis is placed on the study of health problems affecting families in rural settings. Three hours lecture per week. May not be taken by students who have taken NURS 553

516. FAMILY NURSING I 5 hours credit Explores advanced theoretical and empirical knowledge related to families, with special attention to families in rural settings. Emphasis is placed on incorporation of this knowledge into the advanced application of the nursing process with the rural family as a client to improve family health. Three hours lecture, six hours clinical practice per week. May not be taken by students who have taken NURS 518.

517. FAMILY NURSING II 5 hours credit Continues the exploration of advanced theoretical and empirical knowledge related to families in rural settings, with emphasis on the application of research findings. The expanded application of the nursing process focuses on the culture and characteristics of the rural communities in which families live and their influences on health and adaptation. Prerequisites: NURS 515, NURS 516. Two hours lecture, nine hours clinical practice per week. May not be taken by students who have taken NURS 530.

525. HEALTH CARE SYSTEMS 2 hours credit Explores the structure and functions of the health care system and the legal, ethical and economic forces that impact on it. Emphasis is placed on rural health issues and on the role of the advanced nurse practitioner in analyzing these issues and serving as an advocate for policies which will positively affect the health of rural families. Two hours lecture per week.

538. NURSING THEORIES 2 hours credit Examines the nature of concepts, models and theories in the context of scientific development and the historical development of nursing knowledge. A comparative analysis of evolving nursing theories will be made in regard to: meeting criteria for theory building; major concepts used; theoretical perspectives used; testability and practicality for application with the nursing process in clinical practice, teaching and research. Three hours lecture per week.

544. NURSING RESEARCH DESIGNS 3 hours credit Builds upon knowledge of the research process learned at the baccalaureate level. Focuses on the importance of the research process in the development and testing of nursing theory. Emphasis is placed on the role of the advanced nurse practitioner as a consumer and practitioner of nursing research. Prerequisite: MATH 502. Three hours lecture per

545. RESEARCH DEVELOPMENT 1 hour credit Provides peer and faculty support for the development of thesis research. Prerequisites: MATH 502, NURS 544. One hour seminar per week. Must take for two semesters for one credit each semester.

#### 552. SPECIALIZED ROLES

IN NURSING 2 hours credit Provides a theoretical base for understanding the structure, functions and processes of organizations. Emphasis is placed on the commonalities between nursing service administration roles and clinical specialist roles in improving organizational effectiveness and efficiency for the delivery of health care to rural families. Prerequisite or corequisite: NURS 525. Two hours seminar per week.

#### 554. ADMINISTRATION IN NURSING

SERVICE Focuses on the independent and interdependent functions of the nursing service administrator at various levels of decision making in an organization. Affords the opportunity to implement leadership strategies in selected clinical settings with a nursing service administrator as mentor. Emphasizes the role of the advanced nurse practitioner as a change agent in planning, implementing and evaluating health care for rural families. Prerequisites: NURS 525, NURS 552; BUAD 535 must be prerequisite or corequisite. Two hours seminar, 12 hours clinical practicum per week.

#### 556. CLINICAL NURSE **SPECIALIZATION**

6 hours credit

6 hours credit

Focuses on the diverse clinical and organizational skills necessary for functioning effectively as a clinical nurse specialist in family nursing in varied clinical settings of a rural area. Affords the opportunity to gain expertise in conjunction with a qualified advanced nurse clinician role model and to develop in the leadership role as a family advocate and change

agent. Prerequisites: NURS 525, NURS 552. Prerequisite or corequisite: EDUC 509 or BIOL 552. Two hours seminar, 12 hours clinical practicum per week.

580. SPECIAL TOPICS

IN NURSING Variable 1-3 hours credit Intensive study of a selected topic relevant to nursing in rural areas. This course may be taken twice under different course subtitles recorded with the registrar. Prerequisite: Consent of a graduate nursing program faculty member. One-three hours lecture per week; zero-two hours lab per week.

**590. THESIS**1 hour credit Provides faculty support for completion of the thesis. Prerequisite: Completion of all coursework. Must register for one credit for each semester working on thesis.

## Philosophy

402. THE PROBLEM OF GOD 3 hours credit This course involves an effort to think through the ultimate questions philosophy asks about God's nature and existence. Attention will be given to a variety of themes, including the relationship between God and nature, the personhood of God, atheism and the meaningfulness of human speech about God. Prerequisite: One philosophy course or consent of instructor. Three hours per week.

403. EXISTENTIALISM 3 hours credit A close look at the basic human problems of self, God and others as seen from the existentialist perspective. Major themes of alienation, authenticity, freedom, commitment and dread are traced from their roots in the 19th century philosophies of Kierkegaard and Nietzsche to contemporary expressions by Sartre, Camus, Heidegger and Buber, et al. Prerequisite: One philosophy course or consent of instructor. Three hours per week.

406. PHILOSOPHY OF SCIENCE 3 hours credit A critical examination of the philosophical problems common to the natural sciences, such as the nature of scientific laws and theories, and problems involved in scientific explanation. Prerequisite: One philosophy course or consent of instructor. Three hours per week.

450. PHILOSOPHICAL CONCEPTS

IN LITERATURE

3 hours credit
This course involves an examination of a philosophical theme
(e.g., existentialism, tragedy) as reflected in works of literature.
The theme to be treated will vary from offering to offering.
This course may be taken twice under different course subtitles recorded with the registrar. Prerequisites: ENGL 101,
ENGL 102 and one philosophy course, or consent of instructor. Three hours per week.

475. SEMINAR IN PHILOSOPHY

The content of this course varies from semester to semester. It seeks to offer to advanced students in philosophy an opportunity to research and reflect on an issue or theme more thoroughly and intensely than is possible in an ordinary course. May be repeated for credit with faculty approval. Prerequisite: Consent of instructor. Three hours per week.

**490. INDEPENDENT STUDY Variable 1-3 hours credit** A tutorial course in a specific problem in philosophy, a particular philosopher or a particular period of philosophy. Open to

junior, senior and graduate students, conditional on faculty member's consent. This course may be taken twice under different course subtitles recorded with the registrar. Three hours per week.

## **Physical Education**

406. ADMINISTRATION
AND ORGANIZATION
3 hours credit
Problems of administrative structure and procedures, program

Problems of administrative structure and procedures, program planning, organization of physical education classes and departments and organization of athletic programs. **Prerequisite:** PHEC 250 and/or consent of instructor. (Fall semester only) **Three hours per week**.

413. ADVANCED TRAINING

AND SPORTS MEDICINE

3 hours credit
Develops advanced knowledge of athletic injuries after the
student has completed PHEC 313 or an equivalent. (Spring
semester only) Three hours per week.

415. CLINICAL ROTATION

IN ATHLETIC TRAINING

A course designed to expose students to clinical situations which enhance their understanding of the etiologies pertaining to injuries, both athletic and non-athletic. Topics include recognition, treatment, care and rehabilitation of injuries. Prerequisites: PHEC 313, PHEC 413 and HLTH 201 or equivalent. Two hours lecture and seven hours clinical per week.

451. PSYCHO-SOCIAL ASPECTS

OF SPORT

The interaction of physical education (sports) with the psychological and sociological development of the individual. Prerequisite: PSYC 101 or consent of instructor. Three hours per week.

460. DANCE WORKSHOP

3 hours credit
Considers practical and technical aspects of all types of dance.
Designed for instructors or performers who want to enhance their current capabilities and knowledge. Prerequisite:
Teaching experience or consent of instructor. Three hours per week.

490. SELECTED TOPICS IN PHYSICAL

Provides opportunities for short-term needs and interest of students and/or faculty. Affords avenue for curriculum experimentation and innovation at an advanced level. Student may earn a maximum of six credits. Prerequisite: Consent of instructor.

## **Physical Sciences**

423. EXPERIMENTAL PHYSICAL

CHEMISTRY I 2 hours credit
A laboratory and report-writing course emphasizing classical
experiments in physical chemistry. Prerequisite or corequisite: CHEM 341. Two hours lecture and two hours laboratory per week.

424. EXPERIMENTAL PHYSICAL

CHEMISTRY II 2 hours credit A laboratory-based course emphasizing the theory and applications of modern instrumental methods. Prerequisite or corequisite: CHEM 342. Two hours lecture and two hours laboratory per week.

499. SPECIAL TOPICS IN CHEMISTRY

AND PHYSICS

3 hours credit
A study of a specific area of physical science. The topic will
vary from semester to semester. The course may be taken
twice for credit, under different course subtitles recorded with
the registrar. Three hours per week.

599. SPECIAL TOPICS

IN CHEMISTRY Variable 1-4 hours credit
A study of a specific area of chemistry. The topic will vary
from semester to semester. The course may be taken twice
for credit under different subtitles recorded with the registrar.
Lab-lecture equivalence.

#### **Political Science**

401. POLITICAL THEORY

A survey of political thought based on the analysis of ideas of leading ancient, medieval and modern theorists, including the historical setting of major theories, their impact on political institutions and social changes and their contemporary significance. Prerequisite: POSC 101 or POSC 110. Three hours per week.

409. CAUSES OF WAR

This course is designed to acquaint students with the major theories of international relations, especially those concerned with explaining international conflict. The major questions to be studied are: Why do nations go to war? How can war be prevented? Once war is begun, how can it be limited and terminated? Prerequisite: Nine hours of social sciences. Three hours per week.

A survey of the general principles and special rules of international law, as well as its recent trends and its relations to other aspects of international affairs. Prerequisite: POSC 101 or POSC 110. Three hours per week.

415. SOVIET FOREIGN POLICY
A study of the trends, developments and major issues in Soviet foreign policy. An attempt will be made to address the historical background and the ideological foundations of Soviet foreign policy, as well as the domestic political factors which have shaped Soviet foreign relations. Prerequisites: POSC 310 or HIST 424 or permission of the instructor. Three hours per week.

430. THE CONGRESS IN AMERICAN POLITICS

POLITICS

3 hours credit
Analysis of the structural characteristics and functions of the
United States Congress. Factors influencing congressional
decision making and the importance of Congress in the American political process will be discussed. Prerequisites: POSC
101, POSC 110. Three hours per week.

431. LOCAL GOVERNMENT

IN THE UNITED STATES 3 hours credit An examination of county, metropolitan and municipal governments with emphasis on a description of these political subsystems, their place in the federal system and the relationship between the socio-economic environment, governmental structure and public policy. Prerequisites: POSC 101, POSC 110. Three hours per week.

440. PUBLIC ADMINISTRATION 3 hours credit A study of the basic characteristics of modern American governmental bureaucracies, as well as an analysis of some of the important issues which public administrators face. Exploration of administrative and organizational theories. Prerequisite: POSC 101 or POSC 110. Three hours per week.

480. STUDIES IN POLITICAL SCIENCE 3 hours credit An intensive study of a specialized area of inquiry within the major subfields of political science: American government, international relations, comparative government, political theory and public policy. This course may be taken twice under different titles recorded with the registrar. Prerequisite: Consent of the instructor. Three hours per week.

490. INDIVIDUAL RESEARCH 3 hours credit Advanced students, under the direction of a faculty member, pursue a research project involving an in-depth reading program or the collection and analysis of data from primary sources. May be taken twice under different titles recorded with the registrar. Prerequisites: Advanced standing and consent of the instructor who will direct the study. Three hours per week.

500. PROBLEMS OF WORLD POLITICS 3 hours credit A study of the political problems and issues among nations—such as propaganda—causes of war, armaments control and neutrality which affect the peace and security of the United States and other nations. Three hours per week.

510. SEMINAR IN AMERICAN

GOVERNMENT 3 hours credit
A seminar designed to examine contemporary problems in
governing the American nation. This course may be taken
twice under different course subtitles recorded with the registrar. Three hours per week.

## **Psychology**

403. MEASUREMENT AND EVALUATION

IN PSYCHOLOGY

A coverage of correlational techniques, reliability and validity.
Psychological tests and questionnaires are considered in terms of their measurement assumptions and utility. Prerequisite: PSYC 220 or consent of instructor. Three hours per week.

406. PSYCHOLOGY OF ATTITUDES AND

ATTITUDE CHANGE

3 hours credit
This course is concerned with how attitudes are formed, measured and changed. Emphasis will be placed on the classical theories and on new approaches to attitude formulation and change. Prerequisite: PSYC 306 or consent of the instructor. Three hours per week.

407. PSYCHOLOGY OF PERSONALITY 3 hours credit A survey of major theoretical approaches to the origin and development of human personality. Prerequisite: PSYC 101. Three hours per week.

408. HISTORY AND SYSTEMS

IN PSYCHOLOGY 3 hours credit Study of basic integrating theories of psychology. Prerequisite: PSYC 211 or consent of the instructor. Three hours per week.

409. ENVIRONMENTAL PSYCHOLOGY 3 hours credit A study of the effects of the environment on human behavior. Consideration will be given to such topics as organizational structure and climate, architecture, population density and urban stress. Prerequisite: PSYC 101. Three hours per week.

415. MOTIVATION AND EMOTION 3 hours credit A survey of experimental findings and theory of processes that energize and direct behavior. Prerequisite: PSYC 211. Three hours per week.

423. PSYCHOLOGY OF THE

tor. Three hours per week.

EXCEPTIONAL CHILD 3 hours credit
A study of children who vary from the norm, including the
gifted, physically handicapped, mentally handicapped, socially handicapped and emotionally disturbed. Prerequisite:
PSYC 300 or PSYC 562, EDUC 300 or consent of the instruc-

430. LEARNING THEORY AND ITS

APPLICATION 3 hours credit
A course designed to acquaint students with the theoretical
base and experimental data to support a unified approach to
human learning. This course also includes the application of
learning theory in the school setting. Three hours per week.

445. COGNITIVE PSYCHOLOGY 3 hours credit Study of human cognitive processing. Topics include perception, attention, memory, problem solving, language, reasoning and decision making. Prerequisite: PSYC 211. Three hours per week.

450. SENSATION AND PERCEPTION 3 hours credit Study of human sensory and perceptual systems with emphasis on vision. Perception is treated from a physiological, behavioral and cognitive point of view. Prerequisites: PSYC 101, PSYC 211. Three hours per week. May not be taken for credit if student already has credit for PSYC 450.

462. BEHAVIOR MODIFICATION

IN BUSINESS AND INDUSTRY 3 hours credit A behavioral analysis of problems and topics taken from current business and industry journals. Additional emphasis on procedures used in leadership effectiveness programs. Prerequisite: PSYC 101. Three hours per week.

465. PRINCIPLES AND TECHNIQUES

OF GROUP THEORY 3 hours credit

A study of the principles and techniques of group counseling/ psychotherapy and their application. Includes a review of the psychological and historical development of group theory and a study of the pertinent research. Discussion and role-playing are important elements of this course. **Prerequisite:** Advanced standing. **Three hours per week**.

490. INDIVIDUAL DIRECTED

STUDY Variable 1-3 hours credit
A course designed to enable advanced students to pursue through observation, experimentation or library research a topic of their choosing. May be taken more than once for a maximum of six credits. Prerequisite: Consent of department chair.

495. SELECTED TOPICS

IN PSYCHOLOGY Variable 1-3 hours credit Selected special topics and contemporary issues in psychology. May be repeated for credit for a maximum of six credit hours. Prerequisite: Consent of instructor.

500. SEMINAR IN PROFESSIONAL

PSYCHOLOGY

This seminar is an intensive study of current issues in the practice of psychology including legal and ethical issues, professional identity, practical issues related to working in community-based agencies and treating special populations. Prerequisite: Admission to master's program in psychology or consent of instructor. Three hours per week. (To be taken prior to enrolling in any practicum course.)

501. SEMINAR IN THE PSYCHOLOGY

OF THE MENTALLY RETARDED 3 hours credit A seminar enabling students to intensively investigate specific problems in the etiology, diagnosis, assessment and treatment of the mentally retarded. Prerequisite: PSYC 300 or consent of instructor. Three hours per week.

502. PSYCHOLOGY OF LEARNING

DISABILITIES

3 hours credit
A thorough overview of learning dysfunctions from the points
of view of medicine, psychology and education. Emphasis
placed on deviant learning problems, causes of learning disabilities, identification and treatments. Prerequisite: PSYC
423 or consent of the instructor. Three hours per week.

503. CHILDHOOD PSYCHOPATHOLOGY 3 hours credit A study of behavioral problems in children and young people, ranging from mild personality disorders to psychoses. Special consideration is given to symptoms, etiology and treatment. Prerequisites: Master's degree student and consent of instructor. Three hours per week.

504. MENTAL HYGIENE

A study of the forces influencing the development of the stable and the deviant personality and how most effectively to deal with these factors. Prerequisite: PSYC 101 or consent of the instructor. Three hours per week.

505. PERSONALITY ASSESSMENT 3 hours credit This course focuses on objective and projective personality assessment procedures, including questionnaires, situational tests, attitude scales and behavioral observation. Prerequisites: Admission to master's program in psychology or consent of program director, and PSYC 407. Three hours per week.

507. PSYCHOTHERAPY AND

COUNSELING I

The implications for the theory and practice of counseling that might be derived from psychodynamics and interpersonal and experiential sources are studied. Prerequisite: Admission to master's program in psychology or consent of instructor. Three hours per week.

508. PSYCHOTHERAPY AND

COUNSELING II

This course acquaints the student with principles underlying learning and cognitive processes and their application to behavioral approaches to counseling and therapy. Prerequisite: PSYC 507 and consent of instructor. Three hours per week.

511. DIAGNOSTIC TESTS

IN COUNSELING

A study of diagnostic tests in counseling and their relationship to therapeutic procedures in order to better understand clients and improve effectiveness. Prerequisite: Master's degree student. Three hours per week.

513. ADULT PSYCHOPATHOLOGY 3 hours credit Critical examination of issues related to the etiology, diagnosis and treatment of common and rare disorders. Emphasis on clinical decision making and diagnostic skills and understanding models of psychopathology. Prerequisites: Consent of instructor and PSYC 302 or equivalent.

515. SEMINAR IN ADOLESCENT

BEHAVIOR

This course will cover current issues in adolescent behavior such as drug use, parental relationships, peer interactions and other related topics. This course will require a paper, an adolescent study and group work in developing research tools. Three hours per week.

520. INDIVIDUAL INTELLIGENCE

TESTING

This course focuses on various individual intelligence and behavioral observation tests of children and adolescents. It emphasizes the administration and the reporting of individual intelligence test results. Prerequisites: Admission to the master's program in psychology or consent of program director and PSYC 403 or EDUC 532. Three hours per week.

521. PSYCHO-EDUCATIONAL ASSESSMENT

3 hours credit

This course will focus on theory, research findings and clinical applications of major testing instruments for the learning disabled, mentally retarded, emotionally disturbed and physically handicapped. **Prerequisites:** Admission to master's program in psychology or consent of program director and PSYC 520 or equivalent. **Three hours per week.** 

**524. CLINICAL PRACTICUM I**Shours credit First in a two-part series of practicum experiences, this course is designed to provide students with actual training experience in a variety of clinical settings. The course includes individual supervision and a weekly seminar on counseling processes and issues related to the roles and functions of counseling and school psychologists. **Prerequisites:** Admission to master's program in psychology, consent of instructor and completion of PSYC 500, PSYC 544, PSYC 507, PSYC 508. **Minimum of 10 hours per week plus supervision.** 

525. CLINICAL PRACTICUM II

The second in a two-part series of practicum experiences, this course is designed to provide students with counseling and assessment practice with clients who have personal, social, vocational and educational concerns. The course includes individual supervision and a weekly seminar on counseling processes and/or assessment issues consistent with the role and function of a counseling psychologist or school psychologist. Prerequisites: Consent of instructor and PSYC 524. Minimum of 10 hours per week plus supervision.

**530. DIRECTED RESEARCH**3 hours credit Preparation of optional research project for students in Master of Education program concentrating in psychology. **Prerequisite:** Consent of department chair.

531. THESIS

3 hours credit

544. CLINICAL INTERVENTION SKILLS

SKILLS

This course focuses on counseling as a communication process and covers such topics as the counseling relationships, verbal and nonverbal communication, helping stages, and therapeutic intervention strategies involved in the counseling process. Prerequisite: Admission to master's program in psychology or consent of instructor. Three hours per week.

555. EXPERIMENTAL DESIGN 3 hours credit In order to provide students with the necessary research tools to adequately determine the effectiveness of various treatment approaches, this course focuses on the assessment of designs for research questions. Prerequisite: PSYC 560 or consent of instructor. Two hours lecture and two hours of laboratory per week.

560. STATISTICAL ANALYSIS

OF EXPERIMENTS

3 hours credit
A coverage of the statistical procedures necessary to test
hypotheses. Topics to be covered will include test of a single
parameter and the differences between two or more parameters. Correlation will be considered also. Prerequisite: Master's degree student. Three hours per week.

562. HUMAN DEVELOPMENT

3 hours credit In-depth study of life span development. Topics to be covered include biological bases of development, learning, intellectual and moral development, language, motivation and emotion, and the socialization influence of family, peers and schools. Prerequisite: Master's level student. Three hours per week.

566. ADVANCED GROUP THEORY AND PRACTICE

PRACTICE 3 hours credit In this course students will receive training and knowledge in

the following areas: theoretical models for groups, techniques and exercises in facilitating the group process, practice in groups and self-analysis experiences. **Prerequisite:** PSYC 465. **Three hours per week.** 

575. GRADUATE SEMINAR ON AGING 3 hours credit An intensive survey of some aspects of human aging. It covers theories, retirement, middle age problems, work, leisure, physical aspects of aging, education and opportunities for the aged. It is designed to make students sensitive to the needs of the aged. Three hours per week.

#### Social Science

400. CURRENT PROBLEMS

3 hours credit
A study is made of either general or special topics of our
times. The topics are considered from historic aspects and
from the present social and cultural settings in which they
occur. Three hours per week.

#### Social Work

450. SOCIAL WORK WITH FAMILIES AND

CHILDREN 3 hours credit
Survey of child welfare services and examination of current
policies in social work for children and their families. Consideration of practice issues in protective services, in-home services to families, and substitute care including adoption and
foster care. Prerequisite: SOWK 200 or consent of instructor.
Three hours per week.

455. SUBSTANCE ABUSE: ISSUES AND SERVICES

SERVICES

3 hours credit
This study of alcohol and drug abuse includes topics such as
theoretical perspectives on abuse, pharmacological characteristics of commonly abused substances and stages of dependence and addiction, and presents an overview of societal
response to substance abuse including law enforcement,
treatment, rehabilitation and prevention. May not be taken for
credit if the student already has credit for SOWK 410. Prerequisite: SOWK 300 or consent of instructor. Three hours
per week.

460. SOCIAL WORK IN CORRECTIONS 3 hours credit Social work intervention in a variety of correctional settings. Focuses on professional role in court and correctional procedures within institutional and community-based programs. Prerequisite: SOWK 200 or consent of instructor. Three hours per week.

465. SOCIAL WORK IN HEALTH CARE 3 hours credit Explores the role of social work practice in various health care settings. Emphasis on the changing concepts of health and illness. Evaluates the nature of health care organizations, funding mechanisms and ethical dilemmas in social work health care. May not be taken for credit if the student has credit for the same course under SOWK 481. Prerequisite: SOWK 300 or consent of instructor. Three hours per week.

470. SOCIAL WORK IN MENTAL HEALTH 3 hours credit Investigates the role of the social work profession within the mental health delivery system utilizing a generalist social work approach. Examines social work and mental health concepts, policies, research methods and program development in social service agencies, community mental health facilities and institutional accommodations. May not be taken for credit if the student already has credit for the same course under SOWK 481. Prerequisite: SOWK 300 or consent of instructor. Three hours per week.

484. SOCIAL WORK AND THE LAW 3 hours credit Study of social welfare, family, consumer law and the legal authority of social agencies to make regulations. Guidelines for court testimony and rules of evidence presented. Prerequisite: SOWK 200 or consent of instructor. Three hours per week.

499. SPECIAL TOPICS Variable 1-3 hours credit Course provides opportunities for investigating special themes or issues of interest to students and the social work profession. May be repeated once under a different subtitle. Prerequisite: SOWK 200 or consent of instructor. Three hours per week.

## Sociology

409. SOCIOLOGY OF EDUCATION 3 hours credit Analysis of public education as a bureaucratic social institution, the countervailing community power structure and the professional role of the educator. Three hours per week.

410. SOCIAL RESEARCH II

Further training in methods of research in the social sciences.

Emphasis on data analysis, including organization of data for computer processing, hypothesis-testing and simple causal modeling. Prerequisite: SOCI 309 or consent of instructor.

Three hours lecture and two hours laboratory per week.

421. DEVELOPMENT OF SOCIAL

THOUGHT

An analysis of the historical antecedents and contemporary profiles of sociological theory emphasizing major figures and dominant paradigms. Prerequisite: SOCI 211 or consent of instructor. Three hours per week.

422. CONTEMPORARY SOCIOLOGICAL

THEORY

An analysis of the current state and future directions of sociological theory. Prerequisite: SOCI 211 or consent of instructor. Three hours per week.

499. SPECIAL TOPICS

3 hours credit
Number reserved for courses approved as an experimental
response to student interest or community need. May be repeated once under a different subtitle recorded with the registrar. Prerequisite: SOCI 211 or consent of the instructor.
Three hours per week.

512. GRADUATE SEMINAR

IN SOCIOLOGY

3 hours credit
Study and discussion of a selected topic of sociological significance, such as social movements, roots of social inequality, social power or the management of conflict. Prerequisite:
Six hours of sociology or consent of the instructor. Three hours per week.

515. RURAL LIFESTYLES

2 hours credit
This course examines the various lifestyles of people in the
rural community of the Delmarva Peninsula. These include
farmers, migrant workers, watermen, townspeople and
tourists. Live interviews, simulated interviews and/or mobile
clinic visits will be utilized to assist in comparing and contrasting the lifestyles so that more effective health care can be
planned and implemented for this population. Two hours per

516. INDIVIDUAL DIRECTED STUDY 3 hours credit Intensive study in a specific area of sociology agreed upon by student and faculty. Open only to students who have completed six hours in sociology and are taking a concentration in sociology. May be repeated once under a different subtitle recorded with the registrar. Prerequisite: Consent of instructor who will direct the study.

530. DIRECTED RESEARCH

Preparation of optional research project in master's degree program under direction of a departmental supervisor. Prerequisite: Approval of department chair.

560. A PRACTICUM

OR INTERNSHIP Variable 1-6 hours credit
An applied sociology combination of study and work. Emphasis is on integrating the theoretical concepts of sociology with a practical experience of work with a recognized employing unit able to provide adequate on-the-job guidance. One to six hours credit to be determined by the student and the faculty coordinator. Prerequisite: Nine hours in sociology and approval of department chair.

## Spanish

405. SPECIAL PROBLEMS

IN SPANISH

Variable 1-3 hours credit
Individual study of special areas in Spanish linguistics, such
as phonetics and diction in the history and evolution of the
language or in Spanish and Latin American literature. Advice
and direction from a member of the department required. May
be repeated by same student with new content. Prerequisite:
SPAN 320, SPAN 321 or consent of the department chair.

412. SPANISH LITERATURE OF THE

GOLDEN AGE
3 hours credit
Study of selected masterpieces of Spanish literature of the
Siglo de Oro. Prerequisite: SPAN 320, SPAN 321 or consent
of the department chair. Three hours per week.

415. NINETEENTH AND TWENTIETH

CENTURY SPANISH LITERATURE 3 hours credit A study of the development of movements in Spanish literature of this period through selected works of outstanding authors. Prerequisite: SPAN 320, SPAN 321 or consent of department chair. Three hours per week.

417. NINETEENTH AND TWENTIETH CENTURY

SPANISH AMERICAN LITERATURE 3 hours credit
A study of the major works in Spanish American literature of
the 19th and 20th centuries. Prerequisite: SPAN 320, SPAN
321 or consent of department chair. Three hours per week.

418. CONTEMPORARY LITERATURE

IN SPANISH

A study of selected contemporary works in Spanish. The selection will vary from year to year. Prerequisite: SPAN 320, SPAN 321 or consent of department chair. Three hours per week.

495. SPANISH FOR PROFESSIONAL AND

SERVICE PERSONNEL I 3 hours credit
Students develop fluency in spoken and written Spanish. Situational dialogues in cross-cultural settings underline practical intent. Specific applicability for migrant teachers, social workers, business and hospital personnel. Three hours per week.

496. THE BILINGUAL, BICULTURAL

Preparation for those in education whose work may involve contact with students and parents from different language and cultural backgrounds, with emphasis on the problems and needs of the Spanish-speaking child. Studies include cross-cultural communication, survival skills in Spanish and culturally relevant materials. Three hours per week.

## Division of Graduate Study Administration

THOMAS E. BELLAVANCE, President of the University
B.A., University of Connecticut; M.A., Northwestern University; Ph.D., Michigan State University

K. NELSON BUTLER, Vice President of Academic Affairs

B.S., University of Tampa; M.A., Appalachian State University; Ed.D., University of Tennessee

DARRELL HAGAR, Dean of Graduate and Continuing Education
B.A., Texas Christian University; M.A., Pittsburgh State University; Ph.D., Texas Christian University

AVERY SAULSBURY, Registrar

B.S., Salisbury State University; M.S., Morgan State University

## The Graduate Council

K. NELSON BUTLER, Vice President of Academic Affairs

WAYNE DECKER, Professor of Management and Director of Business Graduate Programs, Perdue School

DARRELL HAGAR, Dean of Graduate and Continuing Education

WILLIAM C. HORNE, Professor of English

NORMAN JOHNSON, Professor of History

BARBARA ANN BUTLER KELLAM, Associate Professor of Nursing and Interim Director of Graduate Program

KENT N. KIMMEL, Professor of Art

NATALIA MARIA HOENIGMANN STOVALL, Associate Professor of Psychology and Graduate Coordinator in Psychology

ALFRED K. TALBOT, JR., Professor of Sociology

CALVIN R. THOMAS, Associate Professor of Geography

**ELLEN V. WHITFORD, Assistant Professor of Education** 

## **Graduate Faculty**

EVA K. WOOLFOLK ANDERSON, Assistant Professor of Education A.B., Cornell University; M.A., Ph.D., Syracuse University

HOMER W. AUSTIN, Professor of Mathematical and Computer Sciences B.S., James Madison University; M.S., University of Wyoming; Ph.D., University of Virginia

KAREN K. BADROS, Associate Professor of Nursing and Interim Dean of the School of Nursing and Health Sciences B.A., Medaille College; B.S., D'Youville College; M.S., State University of New York at Buffalo; Ed.D., University of Maryland College Park

HUBERT H. BASEHART, Professor of Political Science B.A., Kent State University; M.A., Ph.D., Ohio State University

RICHARD F. BEBEE, Dean of the Franklin P. Perdue School of Business B.A., Anderson College; M.B.A., Indiana University; D.B.A., University of Colorado

**ZAKRI Y. BELLO**, Assistant Professor of Finance
B.S., Virginia Commonwealth University; M.B.A., Ph.D., Virginia Polytechnic Institute and State University

ROBERT A. BERRY, Associate Professor of History B.A., University of Michigan; M.A., Ph.D., Indiana University

JOHN R. BING, Associate Professor of Education B.A., University of Vermont; M.A., Ball State University; Ph.D., University of Georgia

CHARLES PHILLIP BOSSERMAN, Professor of Sociology and Department Chair B.A., Baker University; S.T.M., Boston University; Ph.D., University of Paris and Boston University

CAROLYN M. BOWDEN, Associate Professor of Education
B.A., M.A., University of Northern Colorado; Ph.D., University of Iowa

RONALD BOYKIN, Assistant Professor of Psychology
B.A., University of North Carolina at Chapel Hill; M.A., Ph.D., University of North Carolina at Greensboro

MAURICE BOZMAN, E. Pauline Riall Professor of Education B.S., Salisbury State University; M.Ed., Ph.D., University of Maryland College Park

SYLVIA S. BRADLEY, Assistant Professor of History B.S., M.Ed., Salisbury State University; M.A., University of Delaware

JAMES BRODZINSKI, Associate Professor of Information and Decision Sciences and Department Chair B.F.A., M.A., Ph.D., Ohio University

JAMES L. BURGESS, Associate Professor of Art and Department Chair B.S., East Carolina University; M.A., Towson State University

A. DEAN BURROUGHS, Associate Professor of Physical Education, Tennis Coach and Associate Athletic Director B.S., University of Tampa; M.A., Appalachian State University

K. NELSON BUTLER, Vice President of Academic Affairs B.S., University of Tampa; M.A., Appalachian State University; Ed.D., University of Tennessee

MARY GAY CALCOTT, Associate Professor of English
B.A., Randolph-Macon Woman's College; M.A., University of Virginia

LYNNE CARROLL, Assistant Professor of Psychology
B.A., Southern Connecticut State University; M.A., Ph.D., University of Pittsburgh

GREGORY CASHMAN, Associate Professor of Political Science B.S.Ed., M.A., Ohio University; Ph.D., University of Denver

DONALD C. CATHCART, Professor of Mathematical and Computer Sciences A.A., Chaffey College; B.A., University of Hawaii; M.A., San Diego State College; Ed.D., Indiana University

MARIE A. CAVALLARO, Associate Professor of Art
A.A., Corning Community College; B.S., State University of New York College at Buffalo; M.A., East Tennessee
State University

**DORAN CHRISTENSEN**, Dean of the School of Education and Professional Studies B.S., Minot State University; M.A., University of Northern Colorado; Ph.D., University of Maryland College Park

CHARLES EDWIN CIPOLLA, Associate Professor of Sociology B.A., Roanoke College; M.A., Wake Forest University; Ph.D., University of Georgia

JAMES C. CLARKE, Assistant Professor of Psychology B.S., University of Scranton; M.A., Ohio University; Ph.D., Lehigh University

JOHN RICHARD CLEARY, Associate Professor of Art B.F.A., Pennsylvania State University; M.F.A., Washington University

KEITH J. CONNERS, Associate Professor of Education A.B., Middlebury College; M.A., Ph.D., University of Connecticut

CYNTHIA C. COWALL, Assistant Professor of Medical Technology B.S., M.Ed., Salisbury State University

PHILLIP D. CREIGHTON, Dean of the Richard A. Henson School of Science and Technology B.A., Tarkio College; M.S., Ph.D., Colorado State University

**WAYNE DECKER**, Professor of Management, Acting Chair, Department of Management and Marketing, and Director of Business Graduate Programs, Perdue School B.A., Bowling Green State University; M.A., Michigan State University; M.B.A., Middle Tennessee State University; Ph.D., University of Pittsburgh

**EDMUND T. DELANEY**, Professor of Psychology B.A. (Philosophy), B.A. (Theology), St. John's Seminary; M.Ed., Massachusetts State College; M.S., Coppin State College; Ph.D., University of Illinois

ARTHUR L. DELPAZ, Associate Professor of Music B.S., West Chester State College; M.S., Bucknell University; D.Ed., Pennsylvania State University

JEROME J. DeRIDDER, Professor of Accounting
B.S., Northern Michigan University; M.B.A., Central Michigan University; Ph.D., University of Nebraska-Lincoln

**DEANE E. DESHON**, Associate Professor of Health and Physical Education and Baseball Coach B.S., Maine Maritime Academy; B.S., University of Maine; M.A., University of Maryland College Park

AUGUSTINE G. DIGIOVANNA, Associate Professor of Biology B.S., St. John's University; M.S., Ph.D., University of Maryland College Park

**MEHMET DIRIKER**, Associate Professor of Marketing B.S., Aston University, Birmingham, England; M.B.A., D.B.A., Memphis State University

ROBERT F. DOMBROWSKI, CPA (Louisiana), Associate Professor of Accounting B.A., Hofstra University; M.B.A., Wharton School, University of Pennsylvania; D.B.A., Louisiana Tech University

THOMAS G. ELLIOT, Professor of Music and Department Chair B.M., M.M., D.M.A., Boston University

MARY ELLEN ELWELL, Professor of Social Work
A.B., Western Maryland College; M.S.W., University of Pennsylvania; Ph.D., University of Maryland at Baltimore

THOMAS L. ERSKINE, Professor of English B.A., Bowdoin College; M.A., University of Kansas; Ph.D., Emory University

EUGENE D. FARACE, Associate Professor of Geography
B.S., Millersville State University; M.A., University of Maryland College Park

GREGORY C. FERENCE, Assistant Professor of History B.A., University of Pittsburgh; M.A., M.L.S., Ph.D., Indiana University

JESSIE L. FLEMING, Professor of Music B.S., M.A., Ed.D., New York University; M.R.E., Catholic University of America

KATHLEEN FOX, Professor of Psychology
B.A., State University of New York College at Cortland; Ph.D., State University of New York at Buffalo

ROLAND G. FRANK, Associate Professor of Education B.S., M.A., Ed.S., Central Michigan University; Ed.D., Michigan State University

BERNARD A. FUSARO, Professor of Mathematical and Computer Sciences B.A., Swarthmore College; M.A., Columbia University; Ph.D., University of Maryland College Park

LEONARD J. GARIGLIANO, Professor of Education B.A., Adelphi University; M.A., Ed.D., Teachers College, Columbia University

ROBERT MICHAEL GARNER, CPA (Indiana), Associate Professor of Accounting and Legal Studies B.S., Oklahoma State University; M.B.A., Ball State University; Ph.D., University of Arkansas

ROBERT W. GRAFF, Professor of Psychology B.S., Thiel College; M.A., Ohio University; Ph.D., State University of New York at Buffalo

BENJAMIN B. GREENE, JR., Associate Professor of Economics B.A., Western Maryland College; M.A., Ph.D., Boston College

WILLIAM LLOYD GROGAN, JR., Professor of Biology B.S., Brigham Young University; M.S., Ph.D., University of Maryland College Park

DARRELL HAGAR, Dean of Graduate and Continuing Education
B.A., Texas Christian University; M.A., Pittsburgh State University; Ph.D., Texas Christian University

JEAN HANEBURY, Assistant Professor of Management B.S., West Chester State University; Ph.D., Georgia State University

GARY M. HARRINGTON, Associate Professor of English B.A., M.A., University of Montana; Ph.D., University of Toronto

BENJAMIN HARRISON, Assistant Professor of Information and Decision Sciences B.A., Swarthmore College; M.A., Ph.D., University of Wisconsin and Georgia State University

**DAVID S. HEIDLER,** Assistant Professor of History B.A., M.A., Ph.D., Auburn University

B.A., Mercer University; M.A., Ph.D., Auburn University

**ANDREW HEPBURN**, Associate Professor of Communication Arts and Department Chair B.A., Goddard College; M.A., Northwestern University; Ph.D., University of Washington

NATALIE HOPSON, Associate Professor of Psychology and Director of Liberal Studies

B.A., Lebanon Valley College; M.S., Millersville State University; Ph.D., Case Western Reserve University

WILLIAM C. HORNE, Professor of English B.A., Gettsyburg College; M.A., Ph.D., University of Pennsylvania

KARIN E. JOHNSON, Professor of Nursing and Director of Grants and Sponsored Research B.S.N., M.S., P.N.P., University of Maryland at Baltimore; Dr.P.H., Johns Hopkins University

NORMAN M. JOHNSON, Professor of History B.S., Davidson College; Ph.D., University of North Carolina

THOMAS W. JONES, Professor of Biology B.S., M.S., Ph.D., University of Maryland College Park

FRANCIS I. KANE, Professor of Philosophy and Department Chair B.A., St. Mary's College; Ph.D., Georgetown University

BARBARA ANN BUTLER KELLAM, Associate Professor of Nursing and Interim Director of Graduate Program Diploma in Nursing, Peninsula Regional Medical Center School of Nursing; A.A., Wesley Junior College; B.S.N., M.S.N., University of Maryland at Baltimore; Ph.D., University of Maryland College Park

R. PETER KERNAGHAN, Professor of Biology B.A., M.A., Dartmouth College; Ph.D., University of Connecticut

KHASHAYAR KHAZEH, Associate Professor of Finance B.S., National University of Iran; M.B.A., Mankato State University; B.S., M.A., Ph.D., University of Tennessee

KENT N. KIMMEL, Professor of Art B.F.A., Miami University; M.A., Ph.D., University of Maryland College Park

JOHN K. KNOWLES, Professor of Modern Languages B.A., Rutgers University; M.A., Middlebury College; Ph.D., Rutgers University

**FREDERICK A. KUNDELL,** Professor of Chemistry and Department Chair B.A., Harpur College; Ph.D., University of Maryland College Park

K. PETER LADE, Professor of Anthropology A.B., Ph.D., University of Pennsylvania

WILLIAM E. LIDE, Professor of Physical Education, Chair of Physical Education and Director of Athletics B.S., Johnson C. Smith University; M.Ed., University of North Carolina at Charlotte; Ph.D., Ohio State University

CHARLES KENNETH LONG, Associate Professor of Education
B.A., College of St. Thomas; M.A., Case Western Reserve University; Ph.D., University of Pittsburgh

ROBERT PORTER LONG, Associate Professor of Social Work and Field Work Coordinator B.A., Oklahoma State University; M.A., University of Chicago

P. DOUGLAS MARSHALL, CPA (Maryland), Associate Professor of Accounting and Department Chair of Accounting and Legal Studies B.S., Tri-State University; M.S., St. Francis College

MICHAEL J. MASUCCI, Professor of Education B.S., Lemoyne College; M.S., Ed.D., Syracuse University

E. LEE MAY, JR., Associate Professor of Mathematical and Computer Sciences B.S., Wake Forest University; Ph.D., Emory University

J. CHAPMAN McGREW, JR., Associate Professor of Geography B.S., San Diego State University; M.S., Ph.D., Pennsylvania State University

CHARLES R. McKENZIE, Associate Professor of Physics and Department Chair B.A., M.A., Ph.D., Southern Illinois University

AMY S. MEEKINS, Assistant Professor of Education
B.S., M.Ed., Salisbury State University; Ed.D., University of Maryland College Park

JEROME A. MILLER, Professor of Philosophy B.A., University of Scranton; Ph.D., Georgetown University

TIMOTHY S. MILLER, Associate Professor of History B.A., Haverford College; M.A., University of Michigan; Ph.D., Catholic University of America

JOHN R. MOLENDA, Professor of Biology and Department Chair B.S., University of Scranton; M.S., Ph.D., Utah State University; M.P.H., Johns Hopkins University

H. REED MULLER, Associate Professor of Marketing and Director of Undergraduate Programs, Perdue School B.S., M.B.A., Cornell University

WILLIAM E. PALMER, Associate Professor of Modern Languages
B.A., Fairmont State College; M.A., Ohio University; M.A., Middlebury College; Diploma de Estudios Hispanicos,
Universidad de Madrid

**DAVID L. PARKER,** Associate Professor of Mathematical and Computer Sciences B.S., Kansas State University; M.A., Ph.D., Indiana University

ANDREW J. PICA, Associate Professor of Physics
B.S., Herbert H. Lehman College; M.S., Pennsylvania State University; Ph.D., University of Florida

FLORENCE F. PRITCHARD, Assistant Professor of Education and Associate Vice President of Academic Affairs A.B., College of William and Mary; M.A., Johns Hopkins University; Ph.D., University of Maryland College Park

EDNA B. QUINN, Professor of Nursing
B.S.N., Duke University; M.S., C.N.M., New York Medical College; Ph.D., University of Maryland College Park

SCOTT N. RALSTON, Assistant Professor of Economics
B.S., Pennsylvania State University; M.S., University of Delaware; Ph.D., University of Tennessee

MOHAN P. RAO, Associate Professor of Information and Decision Sciences
B.Tech., Osmania University; M.Tech., REC Warangal, JNTU (India); M.A., University of Waterloo; Ph.D., University of Alabama

JAMES R. REPLOGLE, Assistant Professor of Education
B.S., Shippensburg State University; Ed.M., Temple University; Ed.D., Lehigh University

ROBERT A. ROSING, Professor of Geography
B.S., Wisconsin State University, Stevens Point; M.S., Ph.D., Southern Illinois University

**GERALDINE NARDI ROSSI**, Associate Professor of Education and Department Chair B.S., Indiana State University; M.A., Ed.D., Indiana University

GEORGE C. RUBENSON, Assistant Professor of Management B.A., Miami University (OH); M.A., Central Michigan University; Ph.D., University of Maryland College Park

SHARON RUBIN, Dean of the Charles R. and Martha N. Fulton School of Liberal Arts B.A., M.A., University of Chicago; M.A., Ph.D., University of Minnesota

GERALD R. ST. MARTIN, Associate Professor of Modern Languages B.A., Assumption College; M.A., Ph.D., University of Minnesota

**EDWARD GEORGE SENKBEIL**, Professor of Chemistry B.S., Salisbury State University; M.S., Ph.D., University of Delaware

ROBERT B. SETTLE, Professor of Management and Marketing
B.A., Dominican College; M.B.A., University of Wisconsin at Milwaukee; Ph.D., University of California at Los Angeles

EDWARD T. SHAFFER, Professor of Chemistry B.S., Salisbury State University; Ph.D., University of Delaware

FRANK M. SHIPPER, Professor of Management B.S.M.E., West Virginia University; M.B.A., Ph.D., University of Utah

DONALD L. SINGLETON, Associate Professor of Communication Arts

B.A., University of North Carolina at Chapel Hill; M.A., University of California at Los Angeles;

Ph.D., University of Oklahoma

CLARA SMALL, Assistant Professor of History
B.A., M.A., North Carolina Central University; M.A., St. John's College; Ph.D., University of Delaware

ALLEN N. SMITH, Assistant Professor of Communication Arts
B.A., Shimer College; M.A., Southern Illinois University; M.A., Ph.D., Michigan State University

ROBERT M. SPERY, Assistant Professor of Legal Studies; Affirmative Action Officer; Special Assistant to the President B.S., Fairmont State College; J.D., West Virginia University

EDWARD J. STEFFES, Associate Professor of Sociology B.A., St. Vincent College; M.A., Ph.D., University of Pittsburgh

POLLY STEWART, Professor of English
B.A., University of Utah; D.A., Ph.D., University of Oregon

**EDNA M. STILWELL**, Professor of Nursing and Interim Chair B.S.N., University of Maryland at Baltimore; M.S., Ph.D., University of Maryland College Park

JACK CLAYTON STOVALL, Associate Professor of Health and Physical Education B.S., M.A., C.D., Ph.D., University of Michigan

NATALIA MARIA HOENIGMANN STOVALL, Associate Professor of Psychology
B.S., Virginia Polytechnic Institute and State University; M.A., Ph.D., University of North Carolina at Greensboro

ALFRED K. TALBOT, JR., Professor of Sociology
B.S., M.A., Hampton Institute; Ed.D., College of William and Mary

ROBERT M. TARDIFF, Professor of Mathematical and Computer Sciences and Department Chair B.S., St. Martin's College; M.A., Ph.D., University of Massachusetts

ANN TAYLOR, Assistant Professor of Education
B.S., Paine College; M.S., City University of New York; M.Ed., University of Georgia; Ph.D., Howard University

CALVIN R. THOMAS, Associate Professor of Geography and Department Chair B.S., Indiana University of Pennsylvania; M.S., Ph.D., University of Tennessee

G. RAY THOMPSON, Professor of History and Department Chair B.A., Fort Hays State University; M.A., Ph.D., Kansas University

MARVIN G. TOSSEY, Associate Professor of Social Work and Department Chair B.A., M.S.W., Ohio State University; Ph.D., University of Maryland at Baltimore

ADELINE TRYON, Assistant Professor of Psychology
B.A., Scripps College; M.A., Ph.D., University of North Carolina at Greensboro

JOHN L. TYVOLL, Associate Professor of Chemistry B.S., Ph.D., University of Southern Mississippi

RONALD R. ULM, Professor of Psychology
B.A., Kent State University; M.A., Temple University; Ph.D., University of Delaware

MICHAEL WATERS, Professor of English B.A., M.A., State University of New York College at Brockport; M.F.A., University of Iowa; Ph.D., Ohio University

JAMES M. WELSH, Associate Professor of English B.A., Indiana University; M.A., University of Kansas

JOHN P. WENKE, Associate Professor of English
B.A., University of Notre Dame; M.A., Ph.D., University of Connecticut

ROBERT J. WESLEY, Professor of Communication Arts B.A., M.A., Ph.D., Wayne State University

RAYMOND A. WHALL, JR., Professor of English and Director of Honors Program
B.A., Canisius College; M.A., California State University, Long Beach; Ph.D., University of Colorado

CONNIE L. WHITE, Associate Professor of English and Department Chair B.A., M.A., University of South Dakota; Ph.D., Kansas State University

GEORGE I. WHITEHEAD, III, Professor of Psychology and Department Chair B.A., Trinity College; M.A., C.W. Post College; Ph.D., University of Massachusetts

ELLEN V. WHITFORD, Assistant Professor of Education
B.A., University of Delaware; M.Ed., Beaver College; Ed.D., Rutgers University

ARTHUR WILBY, Associate Professor of Education

B.A., Ursinus College; M.Ed. (Elementary Education), M.Ed. (Educational Media), Temple University; Ed.D.,

Columbia University

**KENNETH E. WILKERSON**, Professor of Communication Arts B.A., M.A. (Philosophy), M.A. (Speech), University of Arkansas; Ph.D., University of Florida

JOHN T. WOLINSKI, Associate Professor of Education and Assistant Dean of the School of Education and Professional Studies
B.A., M.A., Glassboro State College; Ph.D., Florida State University

HARRY E. WOMACK, Professor of Biology
A.A., Miami-Dade Junior College; B.S., M.S., University of Georgia; Ph.D., Auburn University

JOHN W. WULFF, Professor of Education B.A., State University of New York College at New Paltz; M.A., Ed.D., Teachers College, Columbia University

WILLIAM F. ZAK, Professor of English B.A., Boston College; M.A., Lehigh University; Ph.D., University of Michigan

RAY H. ZEIGLER, JR., Associate Professor of Music B.A., M.Ed., D.Ed., Pennsylvania State University

## APPLICATION FOR ADMISSION TO GRADUATE STUDY APPLICATION FEE \$25 (NON-REFUNDABLE)

This form must be completed and returned by all the new first-time graduate students. Also, such students must have the following materials sent directly to the dean of the Office of Graduate and Continuing Education, Salisbury State University, thirty (30) days prior to the beginning of the semester the student intends to enroll: (1) official copies of all undergraduate and graduate transcripts (these must come directly from the respective institution to the dean's office); (2) required standardized test scores; and (3) two letters of recommendation.

The \$25 application fee is due when the application is submitted.

Students may not register for graduate coursework until the application is complete and accepted.

SOCIAL SECURITY	NO/					,
						date planning to ente
NAMElast		first	middle	9	maiden	***************************************
PERMANENT ADD	DECC		mida		maiden	
TERMANENT ADD	street address	/box number	Topine	vate dez	s resident use	obere miss my sin
	city		state co	unty	zip code	country (if not US
LOCAL ADDRESS	all P			TRR to see		Tourney (II not 25
(write "same" if same)	street address/box nur	mber				
	city	stat	e county	er material	zip	code
	PHONE ( )			( )	ad paterna	pendig asself the
	home			work		
TITLE MR.	SEX FEMALE	DATE OF BIRT	mo. day	year [	CITIZENSHIP USA	
☐ MS.	☐ MALE				RESIDEN NON-CIT VISA	
PER UNIO COLOR						
ETHNIC GROUP  (1) BLACK (N	ON-HISPANIC)					
(2) AMERICA!					OFFICE	USE ONLY
(3) ASIAN (OF (4) HISPANIC	R PACIFIC ISLANDER)				ES	
				100	rc	en som out may be
				1 1 1 1 1	LA	Charles a charles
				Pe		THE SHARE OF SERVICE
VETERAN STATUS	to meate our (E) time			(3) 3 (9)	- 1020 2013	A MANAGEMENT STREET
☐ ( ) NON-	VETERAN					
☐ (VN) VETERA ☐ (DP) DEPEND	N ELIGIBLE FOR BENI N NOT ELIGIBLE FOR ENT OF DECEASED W ONAL REHABILITATION	BENEFITS AR VETERAN				
DO YOU HAVE AN	Y PHYSICAL HANDIC	CAPS? \( \subseteq \text{YES}		10		
	IMITATIONS BELOW					



APPLI	CANT'S INTENDED PLAN	OF STUDY	
☐ M.AEnglish ☐	M.ED.		□ Non-Degree
☐ M.AHistory	Concentration:		☐ Day ☐ Evening
☐ M.APsychology	Counseling	☐ Mathematics ☐ Music	
☐ M.B.A.	☐ Early Childhood Education ☐ Educational Administration	☐ Music ☐ Psychology	
Nursing	☐ Elementary Education	Reading Education	
☐ M.S. Program	☐ English ☐ Geography	☐ Science ☐ Secondary Education	
☐ Dual Degree Program	☐ History	crued starting will intriger to	
Undergraduate College or University	State	Degree	Date Received
ACCUMULATION CONTRACTOR	WEST PROPERTY OF NEW CORNER OF	CHEMICIANU	340
Have you taken graduate courses at S	SU previously?	□ No	
have you taken graduate courses at 5	So previously.	edy of Chilesian	
	vinen - 000		
Have you taken undergraduate course	s at SSU previously?	□ No	
Have you taken graduate courses at a lif yes, please complete the following		Yes No	
Graduate College or University	State	Degree	Date Received
PATRICIA DE LA CONTRACTOR	use along the part Director of No	ton Phorein	
William Control		AND PROPERTY OF THE PARTY OF TH	TURE ORDER
		N-HISPANICI L SHOPE	IN BLACK (SK
All new first-time students must have Continuing Education, Salisbury Statintends to enroll: (1) official copies respective institution to the dean's off Students may not register for gradu	te University, thirty (30) days prior of all undergraduate and graduate	transcripts (these must come scores; and (3) two letters of	e directly from th
Signature of A	Applicant	Date	HIGHEREN (SIG)
Oiginute of 7			
	Equal Opportunity Policy		
It is the policy of Salisbury State Universit color, religion, national origin, sex, age, r IX of the Education Amendments of 1972 More specifically, it is the University's po and all other terms and conditions of e	marital status, or handicap as required 2, Section 504 of the Rehabilitation Act licy to make all decisions regarding en	of 1973 and other equal opport	tunity regulations.

INQUIRIES SHOULD BE DIRECTED TO AFFIRMATIVE ACTION OFFICER, SALISBURY STATE UNIVERSITY, HOLLOWAY HALL, CAMDEN AVENUE, SALISBURY, MARYLAND 21801. TELEPHONE (410)543-6025.



non-profit org.
U.S. postage
PAID
Salisbury, Maryland
permit no.65

1101 Camden Ave. Salisbury, Maryland 21801

Mrs. Sylvia Bradley History